Meadowlark

SUMMER 2022

Hummingbirds:
So Many Returns 5

Northern Cardinals:
Non-Visual Cues of
Carotenoid Content 6

Summer 2021
Field Notes 24

The
Origin
of Bird
Migration 10

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PRESIDENT'S LETTER

IOS is excited to move forward with renewed energy and excitement. My name is Andrea Tolzmann and I am the newly-elected President of the Illinois Ornithological Society. I have been serving on the board for the past three years and am excited to take on this new role with the organization. I have also been the Illinois Young Birders coordinator for the past three years. I am proud to serve on the board with a wonderful and diverse group of birders from across the state. Each of us brings a variety of bird-related interests and skills to the IOS Board, including nature education and outreach, scientific research and data analysis, nature/bird photography, art and music, experience guiding, and more. However, IOS is more than just the board. As I embark on this adventure with the IOS, I am realizing that it is the people who volunteer for and support IOS that stand out. We are all interested in birds in different ways, but it is the people who make this a great organization.

IOS is a volunteer-led organization. We are comprised of members and leaders who love birds, birding, and ensuring a strong future for birds. It is with great appreciation that I extend my sincere thanks to our leaders and volunteers who have given their time, effort, and expertise to keeping our organization moving forward. I am grateful to have the opportunity to partner with so many engaged people who share my interest in birds. There are countless people who volunteer their time behind the scenes for some of our annual IOS events and field trips, including the Gull Frolic, Loonapalooza, the IOS Shorebirding Weekend, and the Annual Big Sit, just to name a few. Each of these IOS activities has a team of volunteers who plan and carry out myriad responsibilities to see that these events happen successfully and with happy birders. There are more people than I can name here who share their time, effort, and skills to bring IOS field trips and other events together for our birding community. Please know that I give my heartfelt thanks and appreciation to every individual volunteering on behalf of IOS. Your efforts enrich the birding experiences for the rest of us. Thank you!

IOS also has a rich history of documenting and preserving a record of the state of birds and bird life across Illinois. The Meadowlark is a unique quarterly journal that is intended for both a professional and an amateur audience consisting of scientific literature and meaningful articles featuring the hobby of birding, the field study of birds, and other related topics. This publication makes a significant contribution towards preserving the record of birds and birding in Illinois. Furthermore, the Illinois Ornithological Records Committee is tasked with accepting, evaluating, and archiving a record of birds whose occurrence in Illinois is rare or unusual. Their findings are shared through the IOS website and in the Meadowlark. Again, there is a large company of volunteers working behind the scenes to preserve the science and history of Illinois birds. My sincere appreciation and gratitude goes to the many volunteers for their knowledge and expertise in preserving and archiving this record for Illinois birds and birders. Thank you!

There are many more people who volunteer for and support IOS and Meadowlark that have not been specifically named here. I genuinely thank you all. And, I am also excited to partner with you, our members, during my time as IOS President. I am excited for this opportunity to serve our birding community, and I look forward to sharing this experience with you.

Sincerely,

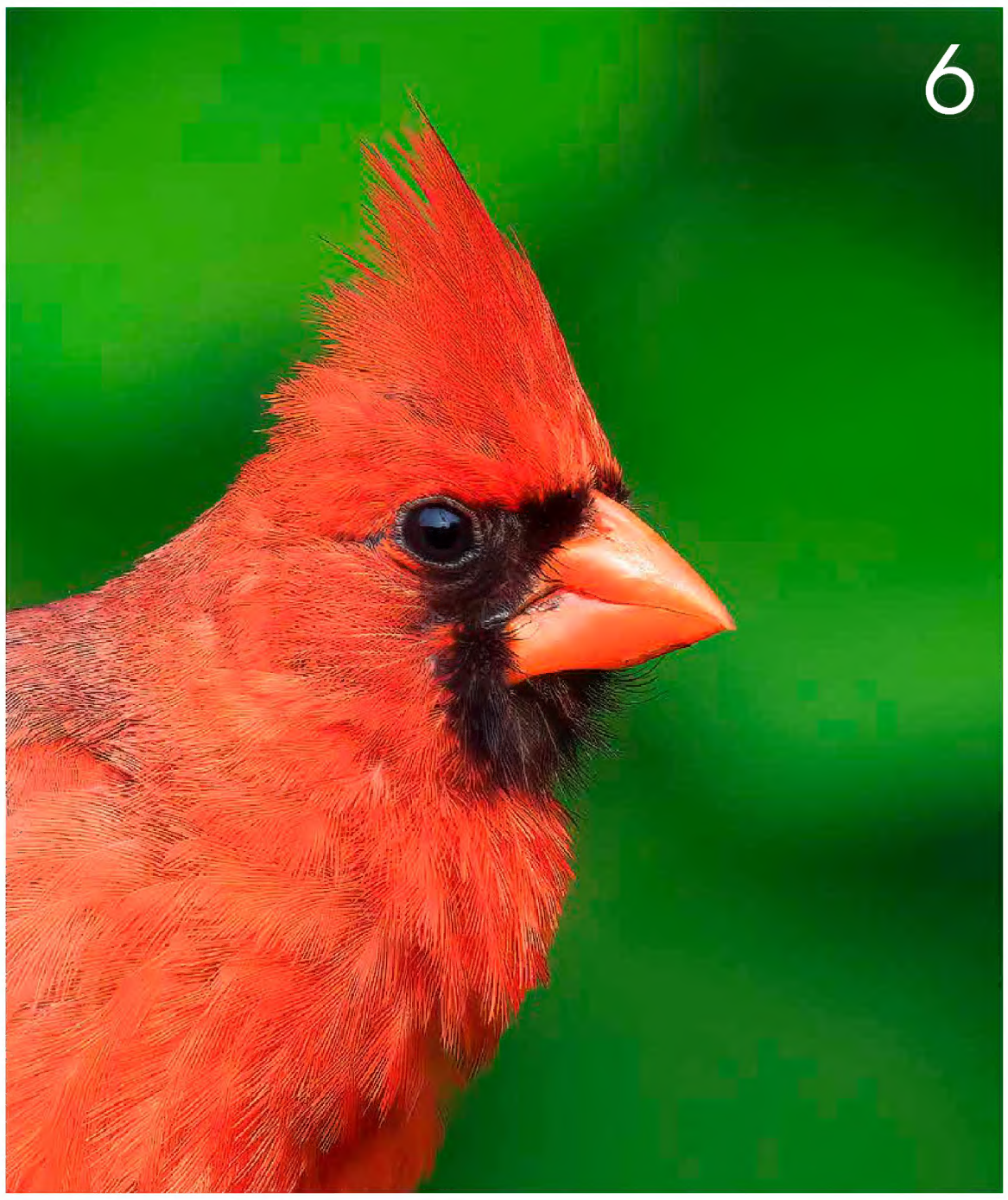
Andrea Tolzmann
IOS President
ILYB Coordinator

ABOUT THE COVER:

Nat Carmichael took this photo of the Limpkin at Chain-o-Lakes S.P. in Lake County on 14 Jul. 2021.

CONTENTS

Summer 2022 | Volume 31, Num. 1



FEATURE

10 The Origin of Bird Migration

REPORTS

24 Field Notes – Summer 2021 Breeding Season

RESEARCH

6 Northern Cardinals Can Use Non-Visual Cues to Determine the Carotenoid Content of a Potential Food Source

5 Hummingbirds: So Many Returns

13 Those Amazing Hummingbirds: What Are the Odds

ABOVE: **TOP LEFT:** NORTHERN CARDINAL. Grundy Co. 8 Aug. 2021. Photo by Don Blecha. **BOTTOM LEFT:** RUBY-THROATED HUMMINGBIRD. Grundy Co. 16 Sep. 2022. Photo by Don Blecha. **BOTTOM RIGHT:** BLACK TERN. Chain-o-Lakes S.P., Lake Co. 11 Jul. 2021. Photo by Ryan Jones.

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EDITOR'S CORNER

An Obsession with Warblers

By Eric Secker

Every spring for the past twenty years I have set aside considerable time to go looking for warblers. Many years I took vacation time at work merely to stay home and bird during weekday mornings in local woodlands. By January I'm already plotting out plans for the spring. For me, there's nothing that surpasses hearing a chorus of warblers at dawn working through a mature oak woodland with nice understory and watching them stop to bathe in a nearby creek or vernal pond. My particular obsession with warblers is tied to a number of things that make them so special. The beginning of my love for warblers can also be attributed to a very specific event.

In 1996, birders in northern Illinois experienced one of the largest fallouts ever of warblers. For many birders it was a special event, but also combined with sadness at the shear volume of dead warblers and other birds scattered along roadsides. Birders interested in more about this event can read multiple articles in Meadowlark Vol. 5, Num. 4 which is available on the IOS Meadowlark Archives page (click on the cover photo for the issue to view the .pdf).

For me, it was one of my first experiences of the true excitement of spring migration. I was twelve years old at the time. Prior to that I had seen a small mix of warblers, but I never had much awareness of the volume of different birds that come through during a short window each spring and fall. At the time, there was no internet, at least in my world, and the DuPage Rare Bird Alert phone hotline was something that my family knew about, but only checked on rare occasion. I also had little knowledge of the songs and calls of most warblers.

Needlesstosay, warblers quickly became and continue to be my favorite birds. That spring I saw many lifer warblers for the first time and had experiences I still remember vividly: a Blackburnian Warbler hopping in our front yard inches from my feet, a beautiful male Cerulean Warbler at Blackwell F.P. that flew down on the ground six feet in front of us to feed, then flew up on an open branch next to his mate, and driving through the Morton Arboretum seeing warblers everywhere including dead ones along the road. I also remember a dead Canada Warbler randomly along Butterfield Rd. (IL-56) near Danada shopping center. Birding at Blackwell F.P. on the day after the cold front hit, warblers were scattered everywhere along the edge of the lake and in many nearby bushes and shrubs (of which there were many more back then). Along with many birds on the ground, the extreme cold (including temperatures that had dropped close to freezing with a notable wind chill) also meant that it was a mid-May day that most people spent indoors giving the birds free reign along the trails.

Since that year, many other things have contributed to making warblers my biggest passion. For one, they of course come in many colors and forms. Not only that, but many also have entirely different beautiful plumages in both the spring and fall. Northern Parulas have one of my favorite transitions, going from feisty looking in spring to sweet and cute in their fall attire.

Along with their unique appearances, almost every species of warbler has a notably unique personality and preferred habitat types. Researchers have even documented how different species of warblers will feed in different sections of a pine tree.

Warblers are also fleeting. They are energetic and can be difficult to track as they go about attempting to gather a volume of food that far surpasses the needs of birds larger than them in size. Timing their spring migration with peaks in insect abundances, they pass through during a few short weeks each spring.

Warblers can also be found just about anywhere if the timing is right. A Nashville Warbler needs little more than one nice shrub or tree to make itself feel at home in my backyard. A single red oak tree in my childhood yard was capable of holding six or more Blackburnian Warblers at a time along with a mix of other warbler species.

Finally, many Illinois birders take for granted the fact that 35 species of warblers can be seen here annually on a single day (36 counting the now ousted Yellow-breasted Chat). Although other states try to make the biggest claim to fame, Illinois is well positioned to host a diverse mix of warblers migrating from southern points both far east and west of us. Some migrate through Shawnee, and up the Mississippi River corridor, some funnel around Lake Michigan, and others drop in at oases among large swaths of central Illinois farmlands.

Although I've had many fun opportunities with rare warblers, including finding Illinois's state first Hermit Warbler, DuPage County's first confirmed breedng Yellow-throated Warblers, and a Black-throated Gray in a small patch of woods in Kane Co., I find the most joy in growing other birders' passions for these incredible birds. We have something truly incredible and unique in Illinois when it comes to warblers. Despite many fun personal experiences, one of my favorite memories is leading an IAS Spring Weekend field trip at Elsen's Hill F.P. in DuPage Co. and slowly helping every participant pinpoint and get views of a Connecticut Warbler sneaking around in the understory. Birding for warblers is fun, but bringing that joy to others is even better. ■

Eric Secker
Chief Editor
IOS's Meadowlark magazine

RUBY-THROATED HUMMINGBIRD. Photo by Don Blecha.

HUMMINGBIRDS: SO MANY RETURNS

Vernon M. Kleen

Last year an article entitled, "Two Surprisingly Exceptional Days: 720 Hummingbirds" was printed in *NABB* (Kleen 2020). Those 720 (at two sites) included new bandings (413), returns (163), repeats (141) and a foreign retrap. The Zwicker site (about 50 miles s.w. of Springfield, IL) accounted for 589 (81.8%) of those birds. Banding 50 to 100 or more hummingbirds in one day at single locations (at least in Illinois) is not that unusual; however, few sites achieve what has become a standard at the Zwickers. From 2015 through 2021 there have been 16 banding days at the Zwickers—14 with two, 3-hour sessions, one in the early morning and a second in mid-afternoon. More than 100 birds have been banded there each day on all but the two single-session days. This year (2021) new bandings were: 2 July (106 birds), 13 August (108 birds) and 10 September (172 birds). But, it wasn't the number of new bandings that was so impressive this year, it was the number of recaptured returns.

In last year's "exceptional" report, 86 (37.6%) of the 229 birds captured at the Zwickers on 31 July 2020 were returns that had been banded between 2015 and 2019. In that report it was noted that "...A more traditional rate of return at sites where I've banded for three or more years is 15-25% (and that is primarily for adult birds banded early in the summer rather than young birds banded later in the year the latter of which have a low survival rate their first year and usually were not hatched at or necessarily expected to return to the capture area.)." This year (2021) the percentage of birds captured that were returns (from 2015 through 2020) on the first two banding dates was even higher: 2 July, 88 of 194 (45.4%) and 13 August, 107 of 215 (49.8%) (Table 1). From Table 1 it's evident that returning females were more frequently captured than males; the same is overwhelmingly true in Michigan as well (Chartier et al. 2021). Perhaps breeding site fidelity is more significant for females than males in the breeding season just as it is for winter sites for Florida's and Alabama's wintering hummingbirds (Bassett et. al 2021).

Table 1. Returns (previously banded and recaptured)

	2016	2017	2018	2019	2020	2021	TOTAL
RETURNS, 2 JUL. 2021							**88**
Male		2		5	13		**20**
Female	1	11	11	23	22		**68**
RETURNS, 13 AUG. 2021							**107**
Male		2		6	4	12	**24**
Female	1	16	7	19	24	16	**83**
RETURNS, 10 SEP. 2021							**17**
Male							
Female	1	3	2	6	2	3	**17**

In another comparison, Chartier et al. (2021) had a return (or re-encounter) rate of 11.6% to 17.6% of the birds banded in previous years at three summer banding sites. Similar data for the Zwicker site (from 2020 to 2021, the only year data are available) shows that there were 34 returns (18.0%) of the 189 birds (nearly all adults) banded there in June and July 2020.

Many thanks to Allen Chartier for his constructive comments on this manuscript. ■

Vern Kleen
Permit #08355

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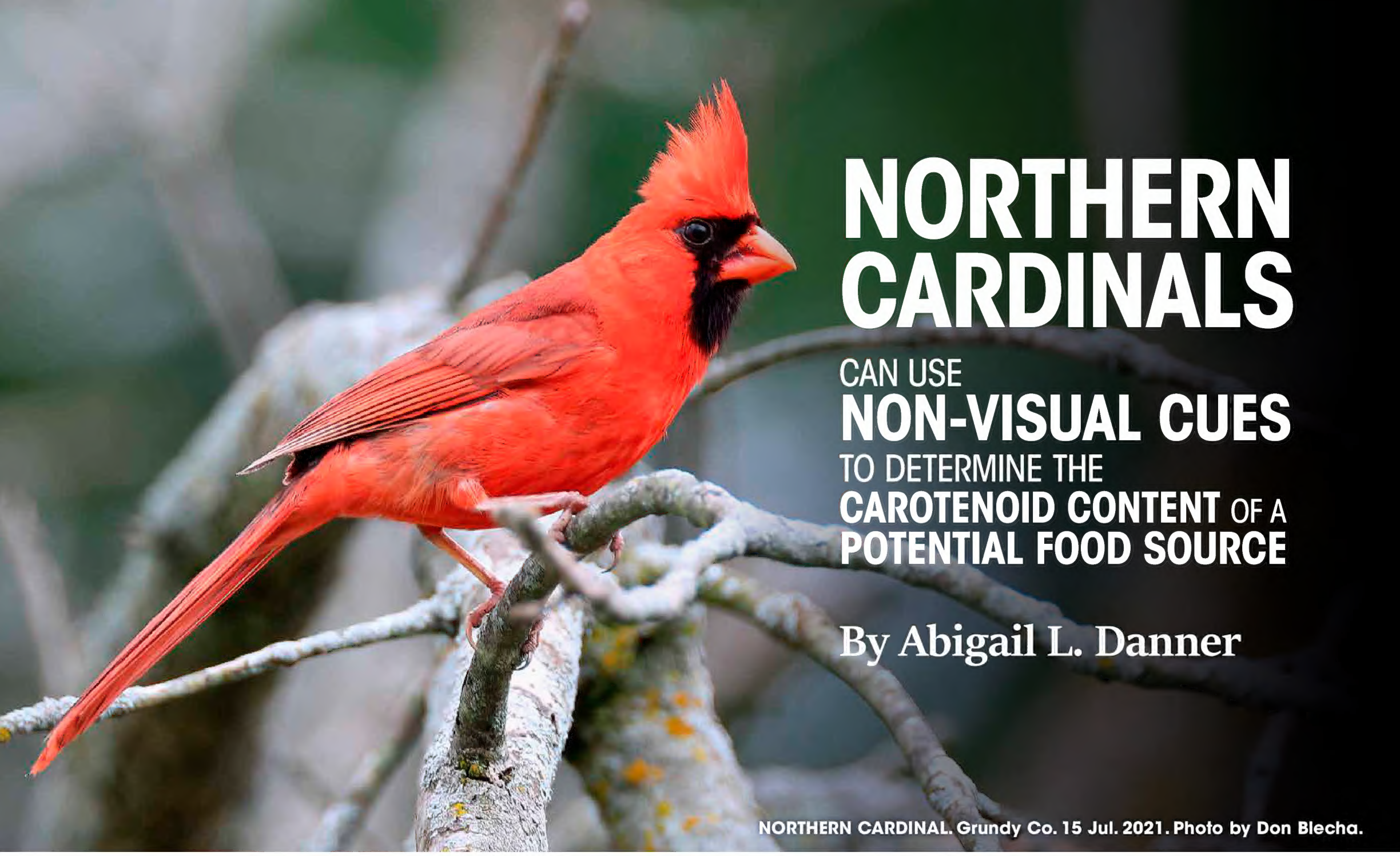

NORTHERN CARDINALS

CAN USE NON-VISUAL CUES TO DETERMINE THE CAROTENOID CONTENT OF A POTENTIAL FOOD SOURCE

By Abigail L. Danner

NORTHERN CARDINAL. Grundy Co. 15 Jul. 2021. Photo by Don Blecha.

INTRODUCTION

Carotenoids (yellow, orange, or red fat-soluble pigments) are important determinants of feather pigmentation in songbirds (Perez-Rodriguez et al. 2016). Since birds are not able to synthesize these pigments de novo, carotenoids must be obtained in the diet (McGraw et al. 2001). After passerine birds with yellow plumage consume carotenoids, most commonly lutein and zeaxanthin, the pigments are deposited directly into the feathers (Senar et al. 2008). In birds with red plumage the carotenoid pigments are first modified to ketocarotenoids (especially α-doradexanthin, adonirubin, cathaxanin, and astaxanthin) and then deposited into the feathers (McGraw et al. 2003). These ketocarotenoids are deposited in the feathers and skin of the bird, resulting in red, orange, or yellow coloration. While the ultimate and proximate causes of carotenoid consumption are not fully understood, the intensity of pigment resulting from carotenoid intake seems to be an honest indicator of male quality, and male passerine birds seek out a carotenoid-rich diet because brighter plumage increases their likelihood of finding a mate (Senar et al. 2010, Perez-Rodriguez et al. 2016). If more vivid pigmentation provides an advantage in finding a mate, male birds from sexually dichromatic species with carotenoid-based pigmentation should be more likely than females of the same species to seek out a carotenoid-rich diet. Understanding sexual signaling is important to understanding how animals interact with one another and with their environment.

The organisms of focus in this study are Northern Cardinals (*Cardinalis cardinalis*), which are native to the eastern United States and have carotenoid-based pigmentation. Northern Cardinals are sexually dichromatic: males have brilliant red plumage, while females are tan with limited areas of red plumage. Males obtain their coloration through dietary consumption of carotenoids. The diet of Northern Cardinals includes seeds, fruits, and insects, though insects are primarily only eaten during the breeding season (Linville & Bretwisch 1997). They have a single prebasic molt in autumn, and ingest the highest amount of carotenoids in the form of fruit before and during molt (Linville & Breitwisch 1997). The main dietary carotenoids that cardinals modify to obtain their pigmentation are lutein and zeaxanthin (McGraw et al. 2001).

In this experiment, I investigate whether Northern Cardinals, House Finches, and American Goldfinches prefer a diet artificially supplemented with carotenoids, and whether they are able to use non-visual cues to evaluate the carotenoid content of a potential food source. While the use of visual cues to determine carotenoid content has been studied in Great Tits (*Parus major*) and House Finches (*Haemorhous mexicanus*), it has not been studied in Northern Cardinals. Great Tits, both in captivity and in the field, demonstrated a preference for carotenoid-supplemented diets in a study conducted by Senar et al. (2010), even when the carotenoid-supplemented diet and the control diet were visually identical. This suggests Great

Tits are able to use odor or flavor cues to select a more carotenoid-rich diet. In a study conducted by Giraudeau et al. (2012), House Finches were found not to show a preference for carotenoid-supplemented or control diets when the two diets were visually identical, implying House Finches rely on visual cues. One potential reason for this is that House Finches deposit more modified ketolated carotenoids into their plumage, whereas Great Tits do not. For House Finches and other birds with red coloration, efficiently modifying dietary carotenoids may be more important than finding carotenoid-rich foods in nature, according to Walker et al. (2014).

My experiment examines whether Northern Cardinals require a visual cue (birdseed color) to evaluate the carotenoid content of a potential food source. When presented with two visually identical diets, I predicted the cardinals will be unable to discern which food source is supplemented with carotenoids because they deposit ketocarotenoids into their feathers. I also predicted that Northern Cardinals would consume a carotenoid-supplemented diet with a visual indicator (red dye) more frequently than a non-supplemented control diet.

METHODS

I constructed a cafeteria experiment to measure the birds' choice of food, as described by Sutherland (2004). I set up two feeding stations at Monmouth College Educational Farm in a small patch of deciduous woodland, approximately 30 meters apart. Both stations had two diets available to birds: an experimental diet of commercial birdseed supplemented with a mix of lutein and zeaxanthin powder, and a control diet of plain birdseed. To investigate whether Northern Cardinals require visual cues to evaluate the carotenoid level of a food source, I used water-based red food coloring to dye the carotenoid-supplemented diet at one of the feeding stations.

My first feeding station (undyed seed) consisted of an unsupplemented control diet (UD/US) and a supplemented experimental diet (UD/S) with 28 µg carotenoid powder per gram of commercial birdseed (McGraw et al. 2006). I used Herbal Secrets brand carotenoid powder, which contains lutein and zeaxanthin, and Farm King Standard Birdseed. To supplement the seed, I poured the lutein/zeaxanthin powder into a plastic bag containing the measured amount of seed and added 25 mL of distilled water, which I found to be the best amount of water to coat all the seed evenly without sogginess. I then shook the bag and stirred thoroughly to ensure even distribution of powder. I also added 25 mL of water to the unsupplemented seed to control for moisture levels.

My second feeding station (dyed seed) again consisted of an unsupplemented control diet (D/US) and a supplemented experimental diet (D/S). I supplemented the D/S diet the same way as the UD/S diet. I dyed the D/US and D/S diets by adding approximately 30 drops of food coloring to each of the two diets and mixing thoroughly in a plastic bag.

I used two motion-triggered ScoutGuard High Definition Birding Cameras to capture images of the birds visiting each station, collecting data from November 2018 - March 2019. I set up the two feeding stations in September 2018, but was unable to begin actually collecting data until November 2018 because my cameras required troubleshooting. I received the clearest images when I placed the cameras from 0.8-1 m away from the feeders and when I set the motion sensors to high sensitivity, the motion-triggering distance to "near," and the number of photos per burst to two.

I established a protocol early in my research to glean the best possible understanding of male preference while avoiding double-counting birds. I determined this protocol based on my own observations of how long the birds would stay at the feeders. Firstly, I counted visits rather than individual birds. For example, if a cardinal landed at the D/S feeder, flew to the D/US feeder, and back to D/US again, the event would count as 2 D/S visits and 1 D/US visit. Additionally, I only counted birds that appeared to be interacting with feeders; birds that were in the frame but not standing on or eating from the feeders were not counted. I also assumed that if the timestamps on my photos were less than one minute apart, the photos were of the same bird. For example, if a chickadee appeared on a particular feeder at 13:55:44 and again at 13:56:22, I assumed the two photos were of the same bird and counted the event as one visit. If I saw a cardinal land on a feeder at 12:15:02 and again at 12:16:35, I counted two visits.

In March and April 2019, I used Minitab Statistical Software to test my hypotheses. Since I was measuring the frequency of male visits, I used a chi-square goodness-of-fit test to determine if there is a significant difference between the expected and observed frequencies of male visits at a particular feeder.

RESULTS AND DISCUSSION

Birdseed color influences male cardinals' foraging decisions, though the cardinals preferred undyed to dyed birdseed (Figure 1).

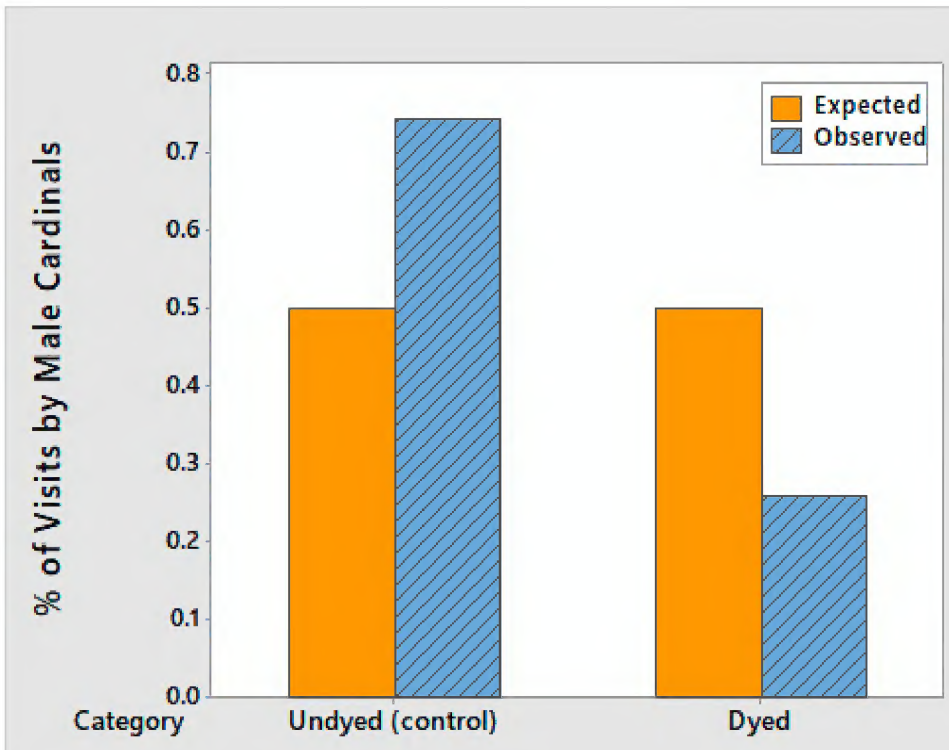

FIGURE 1. Percent of visits by male cardinals to undyed and dyed diets. Male Northern Cardinals show a significant preference ($p < 0.001$) for undyed birdseed compared to seed artificially dyed red. N = 178 visits.

One potential explanation for this is that food sources that cardinals are more likely to seek out for their dietary carotenoids, such as red berries, were also present in the study area. It is also possible that the cardinals are unused to their dietary grains being red, and did not recognize the dyed seed as food. A final possibility is that cardinals disliked the odor or flavor of the food coloring I used, but this is unlikely since the dye was water-based and has been recommended in previous studies of bird coloration (Toomey & McGraw 2011).

Male cardinals preferred supplemented diet regardless of dye treatment (Figure 2). When presented with visually identical birdseed, male preferences varied. Within the undyed seed, males demonstrated a significant preference for supplemented seed (Figure 3). Cardinals are therefore able to use non-visual cues to evaluate the carotenoid content of a potential food source, contrary to the model proposed by Walker et al. (2014), where efficient modification of dietary carotenoids is selected for instead of carotenoid-foraging ability in red birds. While males did not show the same preference within dyed diets (Figure 4), this is likely because males did not seem to seek out the dyed seed and may not have visited the station enough to develop a preference.

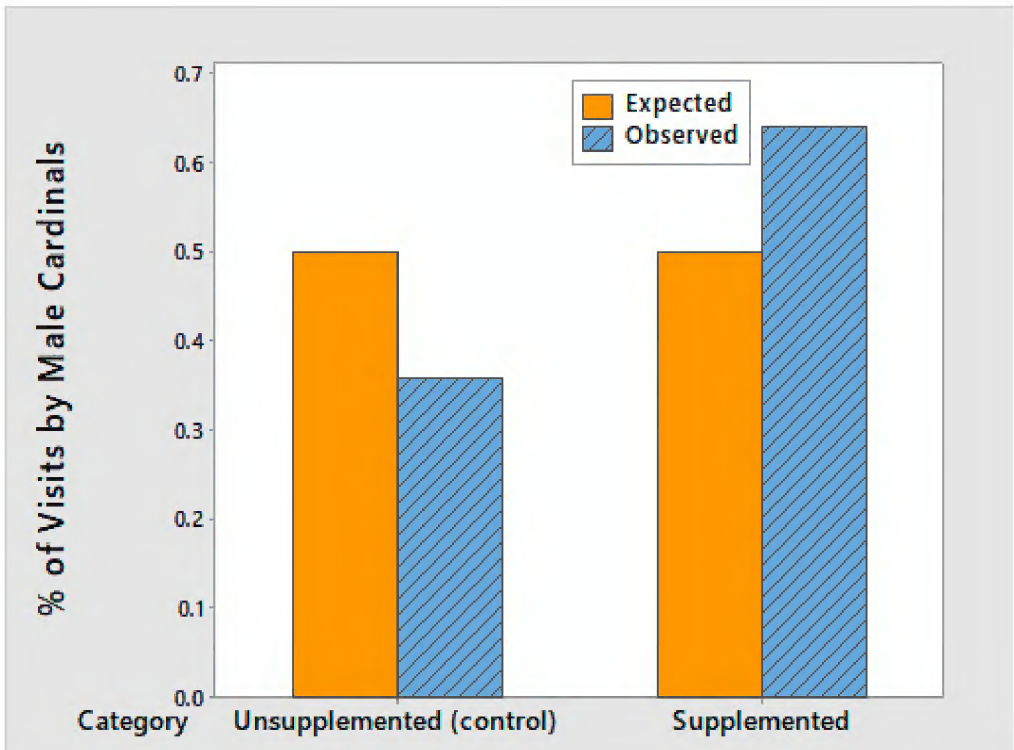

FIGURE 2. Percent of visits by male cardinals to unsupplemented and supplemented diets. Male Northern Cardinals show a significant preference ($p < 0.001$) for birdseed supplemented with lutein/zeaxanthin powder when compared to unsupplemented birdseed. N = 178 visits.

While I did not construct this study with White-breasted Nuthatches (*Sitta carolinensis*) in mind as a study organism, analysis of data proved that they preferred supplemented seed (Figure 6) despite using pheomelanins rather than carotenoids in their pigmentation (Galván 2017). Nuthatches do not discriminate based on dye color (Figure 5). This suggests White-breasted Nuthatches are reaping the physiological benefits of a carotenoid-rich diet despite not using carotenoids in their plumage.

Some confounding factors of this experiment include my small study area and visits from non-target species, namely squirrels. These squirrels may have driven birds away from the feeders, particularly at Station 2. The moisture content of

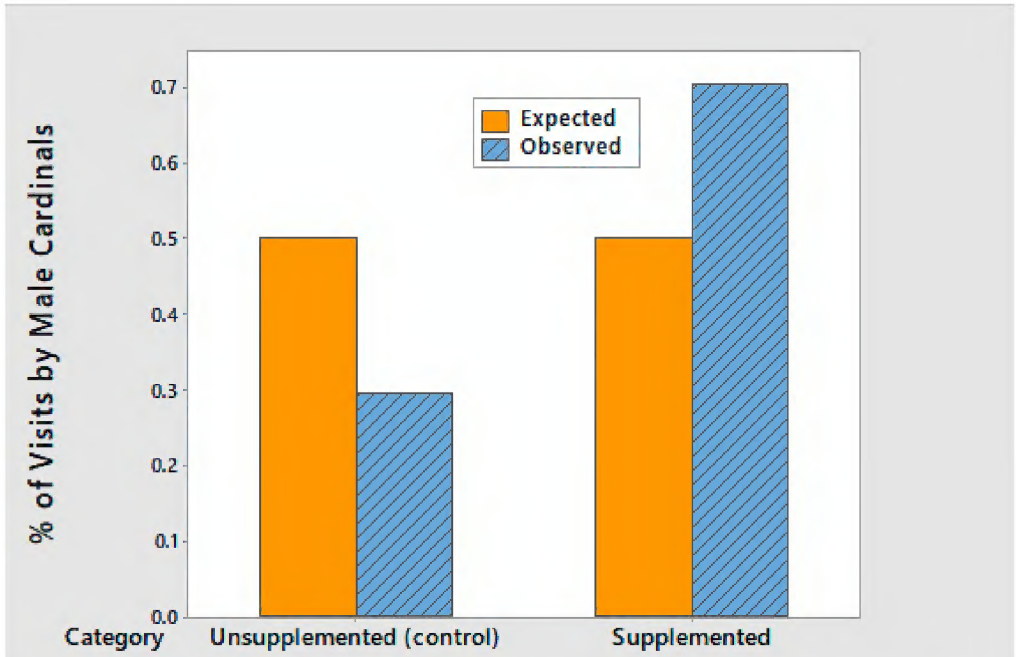

FIGURE 3. Percent of visits by male cardinals to undyed diets. Within undyed diets, Northern Cardinals show a significant preference ($p < 0.001$) for birdseed supplemented with lutein/zeaxanthin powder compared to unsupplemented birdseed. N = 132 visits.

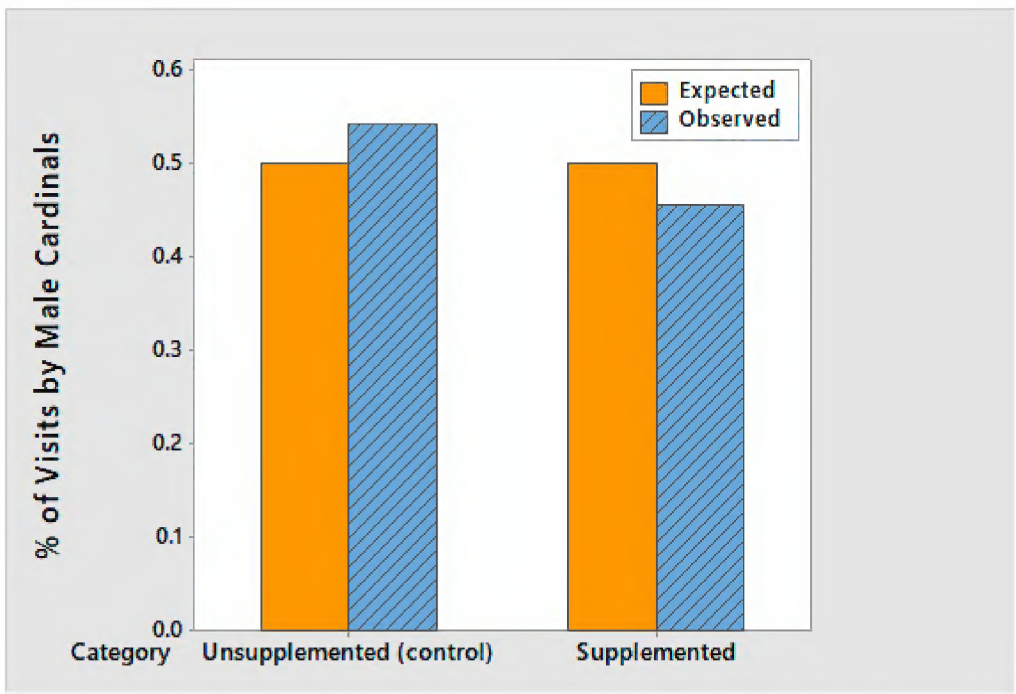

FIGURE 4. Percent of visits by male cardinals to dyed diets. Within dyed diets, male Northern Cardinals do not show a significant preference between birdseed supplemented with lutein/zeaxanthin powder and unsupplemented birdseed ($p = 0.555$). N=46 visits.

my birdseed may also have varied over the course of my experiment, since I tried several different quantities of water to in which to mix the carotenoid powder before finding 25 mL to be the best. The drying time of my diets after dyeing/supplementation also varied. Finally - I assumed that my study species makes foraging decisions based on the color of the food source itself rather than the color of the container, since I used three yellow feeders and one green. This was not a deliberate choice; I chose the feeders for my experiment based on their design being the best-suited to my cameras, and there were only three yellow feeders available at the time I was purchasing materials for my experiment. ■

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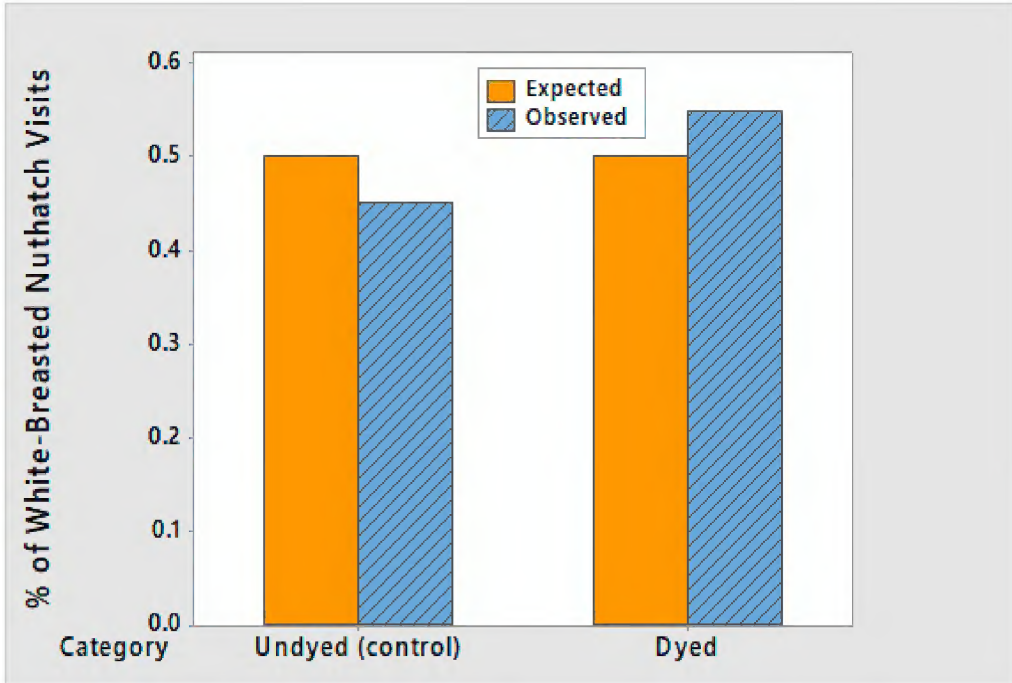

FIGURE 5. Frequency of White-breasted Nuthatch (Sitta carolinensis) visits to dyed and undyed diets. Nuthatches do not show a significant preference (p = 0.555) for dyed compared to undyed birdseed. N = 237 visits.

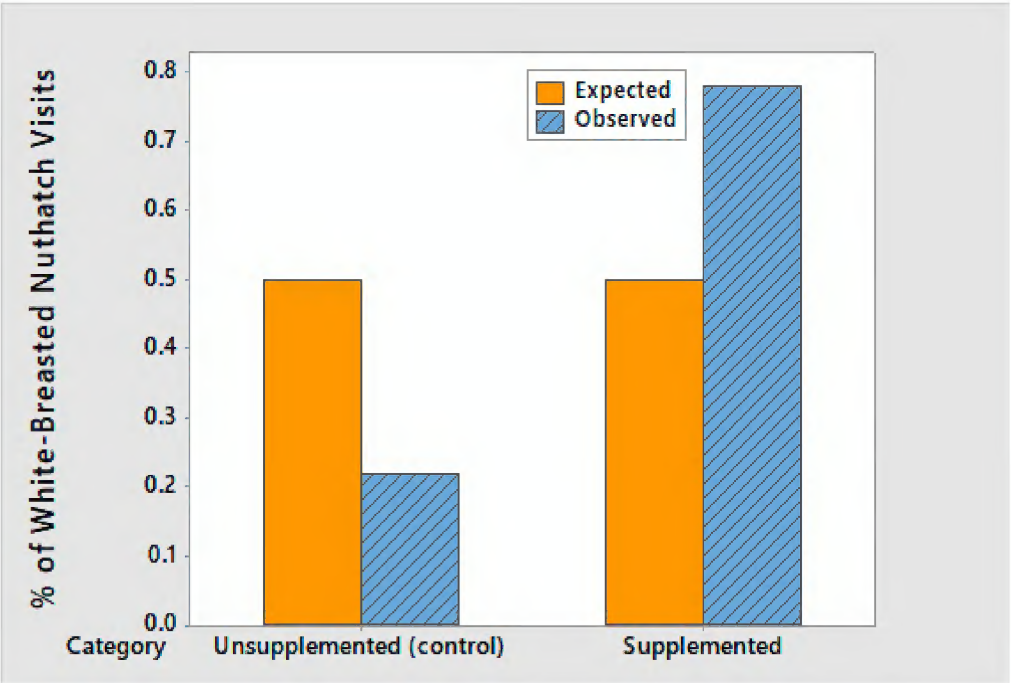

FIGURE 6. Frequency of White-breasted Nuthatch (Sitta carolinensis) visits to supplemented and unsupplemented diets. Nuthatches show a significant preference (p < 0.001) for supplemented compared to unsupplemented birdseed. N= 237 visits.

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THE ORIGIN OF BIRD MIGRATION

By John H. Rappole

WHIMBRELS. Des Plaines C.A., 31 May 2021. Photo by Jim Lukancic.

Recently (17 August 2022) I gave a zoom presentation to the Illinois Ornithological Society at the request of Dr. John Leonard. Professor Leonard had read my book, **Bird Migration: A New Understanding** (Rappole 2022), and felt that some of the ideas presented therein would be of interest to the IOS. I was happy to agree.

I decided to present the central thesis of the book, the origin of bird migration, as my topic. I knew the choice was a stretch for a forty minute talk to a group most of whose members likely had not read the book, but I felt that the experience would be of value for me in terms of sharpening my argument.

Questions at the close of my delivery were excellent, but some showed that key parts of the theory had been missed. Professor Leonard gave me a question the answer to which would have helped to clarify some of these issues, but, in fact, made me realize that I had simply asked too much of my audience. Accordingly, I contacted him the next day to see if I might write a response to his question that could be distributed to the group by email. He suggested that a short summary published in the **Meadowlark** might better serve the purpose, to which I readily agreed. This summary is presented below.

The origin of bird migration has been understood as a response to winter weather for millennia. However, no coherent theory for the phenomenon existed until half way through the last century due to a lack of data. In fact it was not until the 1960s that Princeton professor, Robert MacArthur, presented his Northern Home theory for the origin of bird migration, which stated that migrants are temperate zone birds forced south (north for Southern Hemisphere species) by inclement weather into warmer climes for the duration of the winter season where they subsist in marginal environments by harvesting superabundant food resources that resident bird species cannot exploit entirely due to the restricted nature of these foods in space and/or time.

The beauty of MacArthur's formulation is that it is a classic hypothesis in the Baconian sense, presenting a logical set assumptions as follows (from Rappole 2022).

If migrants originated as northern home residents some thousands or millions of years in the past then:

- The true niche for a migrant—that is, the ecological space including food and habitat unique for its species—exists only on its breeding grounds.
- Once the migrant leaves its breeding grounds, it is outside its niche, which means that it must survive as a wanderer (fugitive species).
- Stable environments in areas outside the breeding grounds will be occupied by indigenous species, and in these environments, species similar to the migrants will exist as "ecological counterparts," where they will fill niches comparable to those filled by the migrants on their breeding grounds.
- Ecological counterparts prevent migrants from settling for long periods (weeks or months) in stable environments either directly, by chasing and fighting them, or indirectly, by outcompeting them for food.
- Therefore, migrants exploit mainly marginal environments, such as overgrown fields or brushy areas, in their wanderings during the nonbreeding period, searching for patches of temporarily superabundant food that resident species are unable to harvest completely.
- Entry by migrants into more stable environments in the subtropics or tropics will occur only in situations where resources (such as fruiting trees or army ant swarms) are temporarily so abundant that they cannot be harvested completely or defended by resident ecological counterparts.

These assumptions are testable by observing and contrasting the behavior of migrants during the breeding period, as transients, and during the wintering period. Much of my career has been spent in this testing process, resulting in more than one hundred peer-reviewed publications documenting that the basic assumptions required for migrant behavior according to a Northern Home theory are not supported by data.

For instance, banding and observational information for several migratory songbirds document that individuals of these species migrate from a specific territory on the breeding ground to a specific territory on the wintering ground in stable tropical habitats, such as the lowland rain forest of southern Veracruz, where they remain throughout the wintering period, a finding incompatible with a Northern Home theory.

But if the Northern Home theory must be rejected, what is the alternative hypothesis? In answer to this question, I have proposed the Dispersal theory, which states that migrants originate as tropical or subtropical residents that move north in summer to exploit seasonal food resource superabundances in northern regions. No evolutionary time is required for this movement to occur because the adaptations for successful migration are the same as those required for successful dispersal (such as pre-movement fattening, navigation, and homing).

Like the Northern Home theory, this hypothesis also has a set of logical assumptions, which the literature cited above has tested and found to be true for a large number of migratory species (as documented in Rappole 2022). For instance if northern zone migrants derive from tropical and subtropical environments then the niche for these species is to be found on its wintering grounds, which we found to be the case on our Veracruz study sites where twenty species of migrants held territories in lowland rain forest throughout the winter, both male and female, returning to them in following years. We would also expect that many species of migrants would have breeding populations in the tropics as well as in the temperate and boreal zones, which is true for nearly half of all northern New World migrants.

A question often asked after these explanations have been provided is, "But the Northern Home theory just makes sense. Can't migration have originated in at least some birds by being pushed out from their northern homes when weather gets bad?" The short answer to this is "No." You have to remember that for nearly all of our migratory species, their northern breeding habitats did not exist a few thousand years ago. The land they now occupy was buried under snow and ice. The only way these species could have occupied these newly-formed habitats after each of the nineteen ice ages that have occurred over the past two and a half million years is through dispersal from more southerly regions.

In August of 2014, a new theory explaining the origins of migration was proposed in an article in the **Proceedings of the National Academy of Sciences** written by Benjamin Winger and associates. This theory, titled the "Migratory Syndrome", states that "*long-distance migration primarily evolved through evolutionary shifts of geographic range south for the winter out of North America, as opposed to north for the summer*" (Winger et al. 2014), which readers will recognize as similar to the Northern Home theory. This theory is currently the dominant paradigm for the origin of migration.

The chief difference between the Migratory Syndrome and the Northern Home theories is that while the Northern Home theory is, as explained above, a testable hypothesis, the Migratory Syndrome is not, at least according to its proponents. Rather, it is a syllogism; an inescapable conclusion derived from a set of propositions all of which are asserted to be true.

The authors use two types of data in constructing their tautology: a phylogenetic tree for the group of birds known as the Emberizoidea (832 species of New World birds including tanagers, warblers, buntings, and sparrows), and the current total range (breeding and wintering) for each species in the group. They use these data to rebuild the migratory history for the entire lineage of the group dating back to the assumed first arrival of the proto-sparrow from Asia via the Behringia "land bridge" connection to the New World northern regions 14 million years ago. The authors accomplish this magic by applying a set of 11 so-called "rules" to the two pieces of data for each species – its range and its most immediate ancestor. Because they consider these rules to be matters of fact, the conclusions reached regarding the migratory status of each member of the group and its ancestors are also considered to be matters of fact going all the way back to the New World arrival of the first proto-sparrow in the mid-Miocene. However, the truth is that these rules are assumptions – not facts.

These assumptions can be divided into five major categories as listed here in a quote from Rappole (2022):

1. *First New World appearance of the emberizoid lineage occurred in the north temperate region of the Western Hemisphere.* This assumption is based on phylogenetic analysis of the 832 species comprising the New World songbird group that includes tanagers, warblers, buntings, and sparrows reported in a separate paper (Barker et al. 2015). While it is true that such an analysis can give you a rough idea of when the first member of the group appeared (fourteen million years or so ago, give or take a million or two) and when diversification might have taken place, it cannot tell you *where* in the world that appearance occurred. It could have been anywhere, and, given the overwhelmingly tropical nature of the group, it was most likely in the Neotropics. Thus, certainty that the group derived from a temperate sparrow by dispersal across Beringia is not justified without actual data or a large number of additional assumptions.
2. *Timing of speciation events.* The models and decision matrices used by Winger et al. to build their understanding for how, where, and when diversification occurred require a precise, standard timing. Whether such timing exists is highly unlikely. Based on what we see in the real world, speciation timing can change with varying degrees of environmental change, such as might occur during Andean orogeny or repeated Pleistocene glaciations.

3. *Standard genetic distance required for creation of sister species from a parent species.* A standard genetic distance must be assumed in order to build the decision matrix that leads to the main conclusions of the article regarding origin of migration. However, we know that there is no standard genetic distance between sister species: some sister species show significant differences while others show very little.
4. *Existence of a genetic switch evolved over millennia controlling migration.* The hypothesis of temperate origin for a primarily tropical group of birds requires that these birds evolve a migratory habit. Winger et al. (2014) propose that the suite of characters necessary for successful migration evolved gradually over millions of years of deteriorating winter weather in the temperate regions, and that this suite was under the control of a genetic switch that could be turned on and off as environmental conditions required. No such switch has been found, nor is it likely that it exists. Rather, the basic adaptations required for migration likely already exist in most if not all birds whether resident or migrant because they are the same as those required for successful dispersal.
5. *No evolutionary changes in ecology or population dynamics are necessary for temperate zone residents to invade tropical bird communities either seasonally or as new permanent residents.* The fifth category, regarding the irrelevance of ecological information, is the most egregiously false, involving, as it does, hundreds of assumptions, many known to be wrong based on extensive observational data. It is with this huge bundle of assumptions that the Migratory Syndrome parts company with the Northern Home Theory, becoming a syllogism rather than an hypothesis.

The ecological problem for migrants was neatly summarized by Reginald Moreau, a British field biologist who devoted his career to understanding the European-African bird migration system. He recognized that if migration originated with European species flying south to Africa to escape bad weather, this situation created an enigma ("Moreau's paradox") (Moreau 1972). How could birds evolved in temperate regions enter the complex ecological communities of the tropics and remain there for months? He suggested two possibilities: (1) *empty niches*, that is, no tropical species fills the niches the northern birds will occupy; and (2) *superabundant food*, that is, there is more food available than the resident birds can use. Robert MacArthur recognized this problem as well, devising three explanatory devices: superabundant food, the "ecological counterpart," and the "fugitive species" or wanderers.

Winger et al. take no pains to explain how this paradox could be resolved. They simply state that it was— many times over millions of years. In fact, they say that these northern invaders not only stayed in whatever tropical communities they wished to occupy as long as they wanted, but also established resident breeding populations as well ("migratory drop-off").

Rappole (2022) provides a great deal of evidence documenting that these "rules," assumptions, and ideas have no biological basis.

Accordingly, I conclude that the Dispersal theory provides the best explanation that we have at present for the origin of migration. The assumptions of the Northern Home theory do not fit the facts regarding how migrants live over the course of the annual cycle, and the Migratory Syndrome lacks any semblance of ecological reality.

Professor Leonard has expressed to me in correspondence on the topic that a problem for understanding migrant origins may derive from confused ideas regarding the concept of "home." For instance, "home" often means the place in which you were born. But it can also be used to describe any place where the individual is able to find food and shelter for some variable period of time. In addition, the term can serve as shorthand for that portion of the life cycle from which migration movements began for any given population.

Early theorists for migration origins saw no problem in use of the term "home" regardless of all its various meanings since, in their view, they were all one and the same. The Northern Home was the place where the migrant was born, the place where it had its niche, and the place from which movement was initiated and subsequently evolved.

A half century of field research, as summarized briefly above (and extensively in the **Bird Migration** book), now demonstrates the problems with that view. The place where a migrant was born and raised need not be the place where the migrant's niche exists or from which migratory movement originated. In fact, normally, they are quite different. ▪

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THOSE AMAZING HUMMING-BIRDS

By Vernon M. Kleen

RUBY-THROATED HUMMINGBIRD.
Grundy Co. 7 Sep. 2021. Photo by Don Blecha.

THOSE AMAZING HUMMINGBIRDS: WHAT ARE THE ODDS

Hummingbirds in the Litchfield, IL, area (about 45 miles southwest of Springfield), seem to provide an amazing assortment of records. Two years ago (2020) there was the large catch of 720 birds in two surprisingly exceptional days. Then, last year (2021), there was the one-day capture in August of 215 birds of which 107 (49.8%) were returns from the past six years. Now, on 31 July 2022 (at a different location), it was the unusual recapture of three birds (all females) banded consecutively (M21865, M21866 and M21867) back on 5 August 2018 (4 years ago). Not only was the recapture of these three unusual, they were caught simultaneously again this year. These three were among five captured together in one trap. During their current processing, M21865 was the first processed, M21866 was the second processed, and M21867 was the fourth processed. Although there was a bird between the second and fourth, M21867 could readily have been the third one processed. M21865 has a record of one previous recapture (in 2019); M21867 has been recaptured twice previously (in 2019 & 2020); however, this was the first recapture for M21866. What are the odds of three hummingbirds banded consecutively four years ago being recaptured almost consecutively again four years later?

Vern Kleen
Permit #08355

LIMPKIN. Chain-o-Lakes S.P., Lake Co. 14 Jul. 2021. Photo by Nat Carmichael.

HOODED MERGANSER. Rollins Savanna F.P.
Lake Co. 6 Jul. 2021. Photo by Annette McClellan.

SEMIPALMATED SANDPIPER. Emiquon Preserve,
Fulton Co. 21 Jul. 2021. Photo by Colin Dobson.

MUTE SWAN. Ridgewood Memorial Cemetery,
Cook Co. 1 Jun. 2021. Photo by Heather Mall.

BLACK TERN Chlidonias niger, S.P.
Lake Co. 11 Jul. 2021. Photo by Ryan Jones.

WHITE-WINGED DOVE. Elmhurst
DuPage Co. 11 Jun. 2021. Photo by Ryan Jones.

VIRGINIA RAIL. Rollins Savanna F.P.,
Lake Co. 8 Jul. 2021. Photo by Jim Hully.

HUDSONIAN GODWIT. Henderson Creek S.F.W.A.,
Henderson Co. 11 Jun. 2021. Photo by Colin Dobson.

UPLAND SANDPIPER. Champaign Co.
4 June 2021. Photo by Aerin Tedesco.

LEAST BITTERN. Costco Slough, Cook Co. 22 Jul. 2021. Photo by Matt Zuro.

COMMON TERN. Waukegan Beach, Lake Co. 24 Jul. 2021. Photo by Annette McClellan.

BARN OWLS. Edwards Co. 29 Jul. 2021. Photo by Bob Shelby.

LITTLE BLUE HERON. Horseshoe Lake S.P. Madison Co. 14 July 2021. Photo by Steve Zehner.

BALD EAGLE. Richland Co. 12 Jul. 2021. Photo by Leroy Harrison.

BLACK-CROWNED NIGHT-HERON. Waukegan Beach, Lake Co. 17 Jul. 2021. Photo by Annette McClellan.

SNOWY EGRET. Boogerville, Wayne Co. 30 Jul. 2021. Photo by Leroy Harrison.

BLACK-CROWNED NIGHT-HERON. Lake Co. Fairgrounds, Lake Co. 27 Jul. 2021. Photo by Annette McClellan.

BLACK VULTURES. Forbes S.P., Marion Co. 4 Jun. 2021. Photo by Leroy Harrison.

ROSEATE SPOONBILL. Golconda, Pope Co. 31 Jul. 2021. Photo by Craig Taylor.

SANDERLING. Emiquon Preserve, Fulton Co. 21 Jul. 2021. Photo by Colin Dobson.

BELTED KINGFISHER. Jasper Co. 28 Jun. 2021. Photo by Leroy Harrison.

EASTERN KINGBIRD. Queen of Heaven Cemetery, Cook Co. 18 Jun. 2021. Photo by Heather Mall.

ORCHARD ORIOLE. Goose Lake Prairie S.N.A., Grundy Co. 11 Jun. 2021. Photo by Don Blecha

LEAST FLYCATCHER. East Fork Lake, Richland Co. 17 Jul. 2021. Photo by Leroy Harrison.

LITTLE BLUE HERON. Wiebenga's Des Plaines R. A., Will Co. 4 Jun. 2021. Photo by Jim Lukancic.

BROWN THRASHER. Goose Lake Prairie S.N.A., Grundy Co. 15 Jun. 2021. Photo by Don Blecha.

PURPLE MARTIN. Shabbona Lake S.P., DeKalb Co. 22 Jul. 2021. Photo by Ken Reinert.

WHITE-TAILED KITE. Madison Co. 21 Jun. 2021. Photo by Colin Dobson.

WOOD STORK. Mermet Lake, Massac Co. 21 Jul. 2021. Photo by Leroy Harrison.

CEDAR WAXWING. Jasper Co. 10 Jun. 2021. Photo by Leroy Harrison.

BELL'S VIREO. Goose Lake Prairie S.N.A., Grundy Co. 9 Jun. 2021. Photo by Don Blecha.

KENTUCKY WARBLER. Kankakee River S.P., Will Co. 5 Jun. 2021. Photo by Ryan Jones.

RED-BREASTED NUTHATCH. Greenwood Cemetery, Winnebago Co. 30 Jul. 2021. Photo by John Longhenry.

PEREGRINE FALCON. Rockford, Winnebago Co. 22 Jun. 2021. Photo by John Longhenry.

RED-HEADED WOODPECKER. St. Paul Woods, Cook Co. 17 Jul. 2021. Photo by Heather Mall.

WESTERN KINGBIRD. Fort St. [illegible], St. Clair Co. 10 Jul. 2021. Photo by Heather Mall.

BEWICK'S WREN. Rushville,
Schuyler Co. 8 Jul. 2021. Photo by Ryan Jones.

GRASSHOPPER SPARROW
Kankakee Co. 5 Jun. 2021. Photo by Ryan Jones.

SEDGE WREN. Prairie Ridge S.N.A.,
Jasper Co. 15 Jul. 2021. Photo by Leroy Harrison.

BREWER'S BLACKBIRD. Illinois Beach S.P.,
Lake Co. 6 Jul. 2021. Photo by Annette McClellan.

MARSH WREN. Afton F.P.
DeKalb Co. 3 Jul. 2021. Photo by Ken Reinert

HENSLOW'S SPARROW. Orland Grassland
Cook Co. 6 Jul 2021. Photo by Woody Goss.

BLUE-WINGED WARBLER. Cap Sauers Holdings
F.P., Cook Co. 22 Jun. 2021. Photo by Woody Goss.

PRAIRIE WARBLER. Marion Co.
16 Jun. 2021. Photo by Leroy Harrison.

DICKCISSEL. Goose Lake Prairie S.N.A.,
Grundy Co. 9 Jun. 2021. Photo by Don Blecha.

NORTHERN PARULA. Jasper Co.
14 Jul. 2021. Photo by Leroy Harrison.

FIELD NOTES

The Summer 2021 Breeding Season

Editor: Paul Senner

WOOD STORK. Mermet Lake, Massac Co. 20 Jul. 2021. Photo by Ryan Jones.

INTRODUCTION

The weather for June 2021 in Illinois was a tale of two halves; the first two weeks were hot and dry and the second two weeks were cool and wet. The hot start to the month saw the state daily high maximum temperature record broken 31 times (Ford 2021). The warmest temperatures were recorded in the northern half of the state, while southern Illinois remained relatively cool. Beginning the third week of June, cooler and wetter weather settled on the state. This change in weather brought extreme precipitation to the Bloomington/Heyworth area, where 10 inches of rain fell between the 25th and 27th (Ford 2021). Despite the heavy rains in Central Illinois, the hot and dry start to the month meant that Northeastern Illinois entered into "extreme drought" conditions by the end of June according to the U.S. Drought Monitor (National Drought Mitigation Center et al. 2021).

The cooler and more humid conditions that came to Illinois at the end of June persisted for the month of July. Cumulatively the cooler weather meant that the average temperature in July of 2021 was 0.8 degrees cooler than the 1991-2020 average (Ford 2021). July's humidity meant that the state experienced frequent thunderstorms, and the southern part of the state accumulated over 10 inches of rain during the month (Ford 2021). Even with increased humidity and cooler temperatures during July, the north most counties in the state remained in "severe" or "moderate" drought at the end of the month (National Drought Mitigation Center et al. 2021).

RARE BIRD HIGHLIGHTS

The rare bird highlights for the summer of 2021 read like a checklist recorded while birding in the Everglades. The subtropical birding tour began on June 14th, when Colin Dobson picked out a Mottled Duck along the South Globe Track at Emiquon Preserve. A week later, Michael Ward recorded a White-tailed Kite at Chouteau/Gabaret Island along the Illinois/Missouri border. Next, Al Nichols found a Limpkin at Chain O' Lakes State Park (Lake County). Al's sighting is just one in a growing list of extra-limital sightings of this species from across the country. In 2021 alone, these secretive waders were recorded outside their "normal" distribution in Minnesota, Maryland, Tennessee, Arkansas, Texas and Oklahoma. Eight days after the Limpkin, Annette and William McClellan spotted a Royal tern at Waukegan Beach, another excellent find for Lake County. A Wood Stork was recorded just two days later at Mermet Lake Conservation Area by Bill Gilmour. Finally, on the last day of July, Craig Taylor added another south coastal wader when he found a Roseate Spoonbill at Luck Creek (Pope County). Just to round out the Florida theme, the East St. Louis Painted Buntings were seen throughout the summer at their now well-known location.

Other notable birds for the summer of 2021 include a pair of Bewick's Wrens found in Schuyler County by Brandon Stehl. This species was once a widespread breeder in southern Illinois but, apparently due to competition with House Sparrows and House Wrens for nest sites, has experienced a steep decline and severe range contraction in the state (Bohlen 1989).

BREEDING BIRD HIGHLIGHTS

This year's breeding bird highlights feature a list of species with different trajectories in the state; species expanding their breeding presence in Illinois, those just hanging on as breeders, and notable species with no breeding records in Illinois for 2021.

Three species, Trumpeter Swan, Sandhill Crane, and Piping Plover, represent native species that are expanding their range as breeders after extirpation from Illinois. Trumpeter Swans were likely extirpated as breeders as early as 1880 (Bohlen 1989), however in 2021 they were confirmed breeding in Lake, Cook, McHenry and Carroll Counties. Vicky Sroczynski's photos of a Trumpeter Swan family at Mississippi Palisades State Park in Carroll County improved upon last year's count of three counties with breeding swans. Sandhill Cranes were extirpated as breeders from Illinois around the same time as the swans, and began a return to the state as breeders in the early 1980s (Bohlen 1989). In 2021 they were confirmed breeding in at least eight counties, with the furthest south breeders recorded in

Vermillion County. Piping Plovers have a more recent history of extirpation in Illinois, with the last nesting attempt before extirpation recorded along the Lake Michigan shoreline in 1955 (Bohlen 1989). Breeding attempts were subsequently recorded at Waukegan Beach in the 1970s, but when the plovers Monty and Rose nested at Montrose Beach in 2019, they were the first Piping Plovers to nest in Cook County since 1948 (Itani et al. 2020). After their excellent breeding season in 2020, Monty and Rose again returned to breed at Montrose Beach in 2021.

Illinois is at the edge of the historical breeding range of some species, while others have recently expanded their range to include Illinois. For instance, both Western Kingbirds and Scissor-tailed Flycatchers have been expanding their breeding range eastward over the last 50 years (Worm et al 2019). In the summer of 2021, two Western Kingbird breeding attempts were confirmed in Illinois, one in East St. Louis and one at the Havana Electrical Substation in Mason County. However, no breeding records for Scissor-tailed Flycatchers were submitted for 2021 after the species was recorded breeding in Meredosia (Morgan County) in 2020. Likewise, no breeding records were submitted for Merlin, after successful nesting attempts in Winnebago and Lake Counties in 2020. Similarly, Black-bellied Whistling Ducks were not confirmed breeding in the summer of 2021, following a successful breeding attempt at Grand Tower (Jackson County) in 2020.

Two species introduced to Illinois also continue to hold on as breeders in the state. Eurasian Tree Sparrows were confirmed breeding in at least four counties; Madison, Knox, Ogle and Whiteside. These birds have a relatively long history in Illinois with the first records of the species dating back to 1906 (Bohlen 1989). European Goldfinches also maintained their presence as breeders in Illinois with several breeding attempts recorded in Lake County.

During the summer of 2021, birders also recorded breeding in a number of species that are declining across the state. Only a single breeding record of Loggerhead Shrike, a family at Ayres State Sand Prairie Nature Preserve, was submitted for the summer of 2021. The previous summer, breeding shrikes were recorded at two locations. Likewise breeding records of Black Terns were only submitted from Chain O'Lakes State Park in 2021, although this is an improvement from 2020 when no records confirming breeding Black Terns were submitted. To wrap up on a positive note, the Common Tern breeding colony at the Great Lakes Naval Training Center (the only Common Tern breeding colony in the state) had an excellent year in 2021. Despite the best efforts of a local Great Horned Owl, ten pairs of terns were able to fledge a total of 25 young (Dann and Semel 2021)!

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SANDERLING. Waukegan Beach, Lake Co. 18 Jul. 2021. Photo by Ryan Jones.

HOW TO READ FIELD NOTES

Field notes for each species are arranged in the following order:

Species
1. Early Arrival Dates
2. High Counts
3. Late Departure Dates

SPECIES

CAPITALIZED AND UNDERLINED: Species requiring documentation and IORC (Illinois Ornithological Records Committee) review. IORC documentation of such records is appropriate and highly appreciated. Documentation forms and the IORC review list can be accessed at:
http://illinoisbirds.org/iorc.html

Underlined: Species that are either rare in the state or documentable only in parts of Illinois or in some plumages.

Documented species will have a * after the observer name/s.
[**pending IORC review**]: Species has been documented, but is still pending review by IORC.
[**undocumented**]: Species has not been documented, but was provisionally included by the field notes editor.

1. EARLY ARRIVAL DATES

Noted early arrival dates for species not present throughout the entire season are listed as:
[date] (# of birds seen), location (observer name/s).

2. BREEDING RECORDS

Highlighted records of species confirmed breeding in the state are listed as:
[B] (# of birds seen), location (observer name/s).

2. HIGH COUNTS

Noted high counts for the season are listed as:
[# of birds seen] location, date (observer name/s).

At least the top three high counts in the state during the season are usually included, but additional records may or may not represent the next highest counts, and may represent counts that are notable or have regional significance.

3. LATE DEPARTURE DATES

Noted late departure dates for species not present throughout the entire season are listed as:
[date] (# of birds seen), location (observer name/s).

ABBREVIATIONS

Transparent directionals (n.=north(ern), n.e. = north-east(ern), etc.), and including c.= central, are used where applicable along with universally standard abbreviations.

In addition, a list of standard abbreviations used in this report is presented on a subsequent page, along with a list of organization abbreviations, and an alphabetized list of abbreviated location names which can be recognized by their lack of a listed county and no spaces between abbreviated words.

ADDITIONAL NOTES

Noteworthy dates, sites of occurrence, remarkably high counts for the state as a whole or for particular regions of the state, and notable comments may be underlined.

Remarks on the historical significance of records aim to be valid for the corpus of data published in H. David Bohlen's 1989 Birds of Illinois, the Illinois journals Illinois Birds and Birding (summer 1984 – spring 1991), and Meadowlark (summer 1991 – present). Noted record maximum counts, when available, are due to the efforts of Geoff Williamson (pers comm) and H. David Bohlen (1989). Data from other sources may have bearing on the validity of these remarks. Species names and sequence correspond to the American Ornithologist's Union Check-List of North American Birds and its supplements.

ACKNOWLEDGMENTS

Thank you to everyone who submits sightings through eBird or manually submits field notes to Meadowlark. Although most people now submit through eBird, some of the most dedicated birders still either use eBird intermittently or enter data elsewhere, and their data is and will continue to be highly valued.

Thank you to eBird for allowing access to their database, which furnishes the foundation for many of the sightings reported here. The Illinois State Water Survey and Prairie Research Institute provide significant data regarding the state weather record for the period. The Illinois Ornithological Society's IBET (IL Birders Exchanging Thoughts) listserv provides significant records, some of which cannot be found on eBird. The Illinois Birding Network and Illinois Rare Bird Alert on Facebook and various GroupMe chats feature additional information and many photographs.

Finally, thank you to the photographers who graciously allow us to include their photos in Meadowlark.

SUBMITTING PHOTOS TO MEADOWLARK

Meadowlark is always looking for high quality photos of birds taken during seasons that will be featured in upcoming issues of the publication. For photos of rare species, photographers are encouraged to consult the IORC section of the IOS website for a list of documentable species and submit accordingly (https://www.illinoisbirds.org/illinois-ornithological-records-committee/). Records submitted there will both be shared with Meadowlark and also stored for scientific record.

eBird's Macaulay Library is highly utilized by Meadowlark editors to search for photos of species of interest, and photographers are encouraged to post photos there if possible. A photo submission form is also available for photographers upon request to submit specific photos of interest.

If you wish to share a link to your online gallery or eBird photos and give blanket permission for IOS to use your work in Meadowlark, please contact the Meadowlark Chief Editor at publications@illinoisbirds.org. Getting blanket permission from photographers saves the editors considerable time when compiling the magazine, and photos from those sources are often favored.

Photo submissions are preferred in high resolution/full size 100% quality JPEG format. Photos may be post-processed to correct levels, vibrance, make other minor adjustments, or to remove minor spots in photos. Photos should always still reflect the scene as observed in the field. Editors will further adjust levels, vibrance, and sharpening so be careful to not overexpose, oversharpen, or oversaturate photos either via in-camera or post-processing.

All photos submitted to Meadowlark should be taken while following the American Birding Association's Code of Birding Ethics (https://www.aba.org/aba-code-of-birding-ethics/). Photos of birds that have been overly harassed by: excessively prolonged presence, excessive audio recording use, ANY amount of intentional flushing for flight shots, ANY baiting, or taken while illegally trespassing, will not be used under any circumstances if such actions are discovered. Special care should be taken with breeding birds and threatened and endangered species. Getting photos ethically not only helps birds and other birders trying to observe them, but also adds a fun and exciting additional challenge and sense of pride to the hobby of bird photography.

SUBMITTING FIELD NOTES

Generally, the most notable dates and counts are always captured from eBird if you submit your data there, but notes from others are also encouraged as well as birders' seasonal weather and species notes, observations of breeding, changes in species ranges, and other highlights.

To manually submit field notes, please visit www.illinoisbirds.org/meadowlark-journal-info/ to locate the current contact information for the field notes editor for that season. Please CC: and also send a copy to the Meadowlark Chief Editor at publications@illinoisbirds.org. Sending field notes via email is highly encouraged, but if you must submit field notes by mail, send to: IOS (Field Notes), P.O. Box 931, Lake Forest, IL 60045.

For electronically submitted field notes, to ensure submissions are not missed, the Chief Editor will always send a confirmation email when the field notes have been downloaded and saved. If you do not receive a confirmation, please contact us.

For manually submitted field notes, highlighting or including only records that are likely to qualify for inclusion (by comparing to qualified records from a past issue) is optional but extremely helpful for the editor.

SUBMISSION DEADLINES

SUMMER (June 1 – July 31)
Field notes due by August 7

FALL (August 1 – November 30
Field notes due by December 7

WINTER (December 1 – February 28)
Field notes due by March 7

SPRING (March 1 – May 31)
Field notes due by June 7

LOCATION ABBREVIATIONS

Location abbreviations used in field notes

AllertonPk = Allerton Park (Piatt Co)
AlmondM = Almond Marsh Forest Preserve (Lake Co)
AMAX = Amax Coal Company, Keensburg (Wabash Co)
ArsenalRd = Arsenal Road (Will Co)
BaileyWet = Bailey Wetland (Richland & Wayne Cos)
BaldwinL = Baldwin Lake (-R:Randolph & -S:St. Clair Cos)
BannerM = Banner Marsh (Fulton & Peoria Cos)
Bartel = Bartel Grassland (Cook Co)
BeallWds = Beall Woods State Park (Wabash Co)
Bellrose = Bellrose Waterfowl Reserve (Pulaski Co)
Bloomington = Bloomington (McLean Co)
BraidwoodL = Braidwood Lake (Will Co)
BuseyWds = Busey Woods Park, Urbana (Champaign Co)
BusseWds = Busse Woods Forest Preserve (Cook Co)
CacheRSNA = Cache River State Natural Area (Johnson Co)
CalumetPk = Calumet Park, Chicago (Cook Co)
CalumetWRP = Calumet Water Reclamation Plant (Cook Co)
CapSauers = Cap Sauers Holdings NP (Cook Co)
Carbondale = Carbondale (Jackson Co)
CarlyleL = Carlyle Lake (-B:Bond & -C:Clinton & -F:Fayette Cos)
CarpentersvilleD = Carpentersville Dam, Fox River Shores FP (Kane Co)
ChiBotanicG = Chicago Botanic Garden (Cook Co)
CentennialTr = Centennial Trail (DuPage Co)
ChainOLSP = Chain-O-Lakes State Park (Lake Co)
Champaign = Champaign (Champaign Co)
Channahon = Channahon Widewaters, DesPlainesCA (Will Co)
Chautuaqua = Lake Chautauqua NWR (Mason Co)
Chi = Chicago (Cook Co)
ChiBotanicG = Chicago Botanic Garden (Cook Co)
CIPSL = C. IL Public Service Cooling L (Jasper Co)
ClintonL = Clinton Lake (DeWitt Co)
CrabOrchard = Crab Orchard NWR (Williamson Co)
CypressCrk = Cypress Creek NWR (Pulaski Co)
DeerGrove = Deer Grove Forest Preserve (Cook Co)
DesPlainesCA = Des Plaines Conservation Area (Will Co)
DickYoungNL = Dick Young/Nelson Lake FP (Kane Co)
DixonWR = Dixon Waterfowl Refuge (Putnam Co) (formerly HennepinL)
DoubleT = Double T SFWA (Fulton Co)
ECapeGir = East Cape Girardeau (Alexander Co)
EForkL = East Fork Lake, Olney (Richland Co)
ElPasoSP = El Paso Sewage Plant (Woodford Co)
Emiquon = Emiquon Preserve area (Fulton Co)
EStLouis = East St. Louis (St Clair Co)
Fermilab = Fermilab (-D:DuPage & -K:Kane Cos)
FerneClyffe = Ferne Clyffe State Park (Johnson Co)
FunksGrove = Funk's Grove Preserve lands (McLean Co)
Gillson = Gillson Park, Wilmette (Cook Co)
GlacialPk = Glacial Park Conservation Area (McHenry Co)
GLNTC = Great Lakes Naval Training Center (Lake Co)
GooseLPra = Goose Lake Prairie SNA (Grundy Co)
GrantPk = Grant Park, Chicago (Cook Co)
GreeneVal = Greene Valley Forest Preserve (DuPage Co)
GreenR = Green River State Wildlife Area (Lee Co)
GuzyPra = Margaret Guzy Pothole Wet NP (Shelby Co)
HarborsideGC = Harborside International GC, LCal (Cook Co)
HeideckeL = Heidecke Lake (Grundy Co)
HeronPond = Heron Pond NP, Cache River SNA (Johnson Co)
HomerL = Homer Lake Forest Preserve (Champaign Co)
HorseshoeLCA = Horseshoe Lake CA (Alexander Co)
HorseshoeLSP = Horseshoe Lake State Park (Madison Co)
ILBeachSP = Illinois Beach State Park (Lake Co)
IroquoisCoCA = Iroquois County CA (Iroquois Co)
JacksonPk = Jackson Park and vicinity, Chicago (Cook Co)
JakeWolfFH = Jake Wolf Memorial Fish Hatchery (Mason Co)
Jarvis = Bill Jarvis Migratory BS, LincolPk (Cook Co)
JimEdgarPC = Jim Edgar Panther Creek SFWA (Cass Co)
JamesPate = James "Pate" Phillip (Tri-County) SP (DuPage, Kane, Cook Cos)
Kankakee = Kankakee (Kankakee Co)
KankakeePks = LeVasseur & Perry Farm Parks (Kankakee Co)
KankakeeRSP = Kankakee River SP (Kankakee & Will Cos)
KaskaskiaI = Kaskaskia Island (Randolph Co)
KennekukCove = Kennekuk Cove County Park (Vermilion Co)
KiddLMarsh = Kidd Lake Marsh SNA (Monroe Co)
KinkaidL = Kinkaid Lake (Jackson Co)
Kinnikinnick = Kinnikinnick Creek CA (Boone Co)
L&D21 = Quincy Lock & Dam (Adams Co)
LakeOfWdsFP = Lake of the Woods FP (Champaign Co)
LaSalleL = LaSalle Lake SFWA (LaSalle Co)
LBloomington = Lake Bloomington (McLean Co)
LCalumet = Lake Calumet (Cook Co)
LCharleston = Lake Charleston (Coles Co)
LDecatur = Lake Decatur (Macon Co)
LincolnPk = Lincoln Park, Chicago (Cook Co)
LMichigan = Lake Michigan (-C:Cook & -L:Lake Cos)
LMurphysboro = Lake Murphysboro State Park (Jackson Co)
LostMound = Lost Mound Unit, Upper Mississippi River NWR (Jo Daviess Co)
LoudThunder = Loud Thunder Forest Preserve (Rock Island Co)
LowdenMiller = Lowden-Miller State Forest (Ogle Co)
LowerILRiver = Lower Illinois River Valley
LowerMissRiver = Lower Mississippi River Valley
LRenwick = Lake Renwick (Will Co)
LShelbyville = Lake Shelbyville (-M:Moultrie & -S:Shelby Cos)
LSpringfield = Lake Springfield (Sangamon Co)
LtlRedSchlH = Little Red Schoolhouse NC, Palos (Cook Co)
LVermilion = Lake Vermilion, Danville (Vermilion Co)
"magic stump" = stump in ag. field s.e. of Arcola (Coles Co.)
MaxMcGraw = Max McGraw Wildlife Foundation (Kane Co)
Maz/Braidwood = Mazonia/Braidwood SFWA (Grundy, Will, Kankakee Cos)
McCunePra = McCune Sand Prairie NP (Bureau Co)
MelvinPrice = Melvin Price Lock and Dam (Madison Co)
Meredosia = Meredosia NWR (Brown/Cass/Morgan Cos)
MermetL = Mermet Lake SFWA (Massac Co)
MiddleforkSav = Middlefork Savanna Forest Preserve (Lake Co)
Midewin = Midewin National Tallgrass Prairie (Will Co)
MidForkSFWA = Middle Fork SFWA (Vermilion Co)
Miller-Anderson = Miller-Anderson Woods NP (Bureau Co)
MississippiR = Mississippi River (various Cos)
MissPalisades = Mississippi Palisades State Park (Carroll Co)
Moline = Moline (Rock Island Co)
MomenceSod = H & E Sod Farm, Momence (Kankakee Co)
MomenceWet = Momence Wetlands (Kankakee Co)
Montrose = Montrose Harbor, LincPk, Chi (Cook Co)
MoraineHills = Moraine Hills State Park (McHenry Co)
MortonArb = Morton Arboretum (DuPage Co)
Mskoda = Mskoda Sands Preserve (Kankakee Co)
Nachusa = Nachusa Grasslands (Lee Co)
NewtonL = Newton Lake SFWA (Jasper Co)
NorthernlyI = Northerly I, Burnham Park, Chicago (Cook Co)
NorthPond = North Pond, Lincoln Park, Chicago (Cook Co)
NPointMarina = North Point Marina, Winthrop Harbor (Lake Co)
NygrenWet = Nygren Wetlands Preserve (Winnebago Co)
OakwoodBtms = Oakwood Bottoms, SNF (Jackson Co)
OFallonWTP = OFallon WTP (St. Clair Co)
Palos = Palos area (sw Cook Co)
PaulDouglas = Paul Douglas Forest Preserve (Cook Co)
PeabodyR = Peabody River King SFWA (St. Clair Co)
PeacockM = marsh at Peacock Engineering (Will Co)
Pecatonica = Pecatonica River area (Winnebago Co)
Pembroke = Pembroke Township area (Kankakee Co)
Peoria = Peoria (Peoria Co)
PereMarquetteSP = Pere Marquette State Park (Jersey Co)

PineHills = Pine Hills/LaRue Ecological Area (Union Co)
Pomona = Pomona area (Jackson Co)
PrairieRidge = Prairie Ridge SNA (-J:Jasper & -M:Marion Cos)
PrattsWayneWds = Pratt's Wayne Woods FP (DuPage Co)
PyramidSP = Pyramid State Park (Perry Co)
QuadCities = Quad Cities and vicinity (Rock Island Co)
RendL = Rend Lake (-F:Franklin & -J:Jefferson Cos)
RiverBendFP = River Bend Forest Preserve (Champaign Co)
RockCutSP = Rock Cut State Park (Winnebago Co)
Rockford = Rockford (Winnebago Co)
RockRunRookery = Rock Run Rookery Forest Preserve (Will Co)
RollinsSav = Rollins Savanna Forest Preserve (Lake Co)
Ryerson = Ryerson CA (Lake Co)
SaganashkeeSl = Saganashkee Slough (Cook Co)
SaltCrkWds = Salt Creek Woods Forest Preserve (Cook Co)
SandRidgeSF = Sand Ridge State Forest (Mason Co)
Sang = Sangamon County
Sanganois = Sanganois SFWA (Cass, Mason, & Schuyler Cos)
SangchrisL = Sangchris Lake SP (Christian & Sangamon Cos)
SantaFeBtms = Santa Fe Bottoms (Clinton Co)
SauerPraKame = Sauer Family Prairie Kame FP (Kane Co)
ShabbonaL = Shabbona Lake SRA (DeKalb Co)
ShawneeNF = Shawnee National Forest (various Cos)
SiloamSpr = Siloam Springs State Park (Adams Co)
SongbirdSl = Songbird Slough Forest Preserve (DuPage Co)
SpringbrookPra = Springbrook Prairie FP (DuPage Co)
SpringCreek = Spring Creek FP
Springfield = Springfield (Sangamon Co)
SpringL = Spring Lake (Tazewell Co)
SpunkyBtms = TNC/Spunky Bottoms Preserve (Brown Co)
StarvedRock = Starved Rock State Park (LaSalle Co)
SteelworkersPk = 87th St. Steelworkers Park, Chicago (Cook Co)
StumpL = Stump Lake SFWA (Jersey Co)
SugarRFP = Sugar River Forest Preserve (Winnebago Co)
SwallowCliff = Swallow Cliff Woods, Palos (Cook Co)
ThomsonRA = Thomson Causeway RA (Carroll Co)
TinleyCrkWet = Tinley Creek Wetlands (s. Cook Co)
TwoRivers = Two Rivers NWR (Calhoun Co)
UnionCoSFWA = Union County SFWA (Union Co)
UniversalMine = Universal/Peabody Strip Mines (Edgar Co)
UpperILRiver = Upper Illinois River Valley
UpperMissRiver = Upper Mississippi River Valley
UpperMissRNWR = Upper Mississippi River NWR (Carroll Co)
Urbana = Urbana (Champaign Co)
WaterfallGlen = Waterfall Glen Forest Preserve (DuPage Co)
WaukeganB = Waukegan Beach & Harbor/lakefront (Lake Co)
WhalonL = Whalon Lake Forest Preserve (Will Co)
WolfL = Wolf Lake/Powers SFWA (Cook Co)
WoodfordCoCA = Woodford County CA (Woodford Co.)

ORGANIZATIONS AND INSTITUTION ABBREVIATIONS

DBC DuPage Birding Club (field trips)
FSHW Fort Sheridan Hawk Watch
GVHW Greene Valley Hawk Watch
IBHW Illinois Beach Hawk Watch
INHS Illinois Natural History Survey
IORC Illinois Ornithological Records Committee
IOS Illinois Ornithological Society (field trips)
KCA Kane County Audubon (field trips)
USDA United States Department of Agriculture
USFWS United States Fish & Wildlife Service

STANDARD ABBREVIATIONS

EA: = Early Arrival(s)
LD: = Late Departure(s)
MC: = Max/High Count(s)

Species Notes Abbreviations:
* = documented record
** = specimen record
:ph = photo
:vid = video recording
:vr = audio recording
ad(s) = adult(s)
alt = alternate plumage (breeding)
cop = copulating
et al. = and others
f = female
fldg(s) = fledgling(s)
imm = immature
incl = including
juv(s) = juvenile(s)
lg = large
m = male
mat. = material
m.ob. = many observers
ph = photo(s)
plum = plumage
pr(s) = pair(s)
prop = property
pts = points
resp = respectively
subad(s) = subadult(s)
unk = unknown age/sex
vid = video
w/ = with
yg = young
1st = first winter plumage
2nd = second winter plum.
3rd = third winter plumage

Location Abbreviations:
Arb = Arboretum
Arpt = Airport
B = Beach
BBS = USGS Breeding Bird Survey (Route)
Bldg = Building
BS = Bird Sanctuary
CA = Conservation Area
CBC = Audubon Christmas Bird Count
CC = Community College
Cem = Cemetery
Co(s) = County(ies)
CP = County Park
Crk = Creek
EA = Ecological Area
FP = Forest Preserve
FS = Field Station
GC = Golf Course
H = Harbor
HA = Habitat Area
I = Island
L = Lake
L&D = Lock & Dam
LWR = Land and Water Reserve
M = Marsh
Mem = Memorial
MM = Mile Marker
MWRP = Metro. Wastewater Reclamation Plant
NA = Natural Area
NC = Nature Center
NHL = National Historic Landmark
NP = Nature Preserve
NWR = Nat'l Wildlife Refuge
OSL = Open Space Lands
Pk = Park
Pra = Prairie
Pr = Preserve
R = River
RA = Recreation Area
Rd = Road
Sav = Savanna
SF = State Forest
SFWA = State Fish & Wildlife /Waterfowl Area
SHA = State Habitat Area
SHS = State Historic Site
Sl = Slough
SNA = State Natural Area
SP = State Park
SRA = State Recreation Area
Tr = Trail
Twp = Township
Univ = University
Wds = Woods
Wet = Wetland
WMA = Wildlife Management Area
WS = Wildlife Sanctuary
WTP = Wastewater Treatment Plant (Ponds)

SUMMER 2021 FIELD NOTES

Black-bellied Whistling-Duck
[**20**] ShawneeNF, *4 Jun.* (Don Mullison).
[**15**] ShawneeNF, *27 Jun.* (Tina Pryor, Alfred Pryor).
[**14**] Buncombe (Union Co), *24 Jun.* (Dan Wylie).
[**4**] Gridley WTP (McLean Co), *1-3 Jun.* (Scott Latimer, m.ob.).
[**2**] Annawan (Henry Co), *25 Jul.* (William & Gayla Hickerson).

Snow Goose
[**25**] Emiquon, *7 Jun.* (Ren Burke).

Ross's Goose
[**1**] Hickory Twp (Schuyler Co), *8 Jul.* (Colin Dobson).

Greater White-fronted Goose
[**2**] Paris (Edgar Co), *6 Jun. – 10 Jul.* (Steven Lima, Cathy Cox).
[**1**] Hickory Twp (Schuyler Co), *8 Jul.* (Colin Dobson).
[**1**] Rushville (Schuyler Co), *9 Jul.* (Ted Wolff).

Canada Goose
[**440**] Emiquon, *3 Jun.* (Ted Wolff).
[**303**] LincolnPk, *21 Jun.* (Geoffrey A. Williamson).
[**164**] CarlyleL-C, *5 Jul.* (Mark Seiffert).

Mute Swan
[**100**] Chautauqua, *26 Jun.* (Chad Cremer).
[**75**] Emiquon, *7 Jun.* (Colin Dobson).
[**60**] SpringL, *12 Jun.* (Bert Foquet).
[**49**] DixonWR, *21 Jun.* (Scott Harp).
[**4**] Tri-Twp Pk (Madison Co), *27 Jun.* (Doug Hommert).

Trumpeter Swan
[**B**] (5) McGinnis Sl (Cook Co), *6 Jun.* (Michael McNamee, Linda Radtke) (fldgs).
[**B**] (7) Exner M NP (McHenry Co), *13 Jun.* (Urs Geiser) (fldgs).
[**B**] (4) MissPalisades, *14 Jun.* (Vicky Sroczynski) (fldgs).
[**7**] RollinsSav, *1 Jun. – 28 Jul.* (Gary Glowacki, Beau Schaefer, m.ob.) (fldgs).
[**7**] McGinnis Sl (Cook Co), *3-6 Jun.* (Linda Stwora, m.ob.).
[**7**] Exner M NP (McHenry Co), *10-16 Jun.* (Paula Mitchell, m.ob.).
[**4**] Emiquon, *17 Jun.* (Ami Horowitz).
[**2**] CarlyleL-F, *23 Jul.* (Roger Hayes).

Wood Duck
[**200**] DixonWR, *13 Jun.* (Graham Deese).
[**154**] Boone Crk CA (McHenry Co), *30 Jun.* (Stephen Mitten).
[**80**] Emiquon, *9 Jun.* (Andy Gilbert).
[**45**] CarlyleL-C, *31 Jul.* (Mark Seiffert).

Blue-winged Teal
[**51**] SpringbrookPra, *23 Jun.* (Dori Eldridge) (fldgs).
[**35**] Emiquon, *2 Jun.* (Colin Dobson).
[**10**] MermetL, *20 Jul.* (Katy Banning, Erin Anderson).

Cinnamon Teal
[**1**] Stickney Run CA (McHenry Co), *11 Jun.* (Jerry Hampton, Doug Johnson) (continuing from spring).

Northern Shoveler
[**8**] Emiquon, *2 Jun.* (Colin Dobson).
[**3**] Henderson Crk SFWA (Henderson Co), *12 Jun.* (Jim Mountjoy).
[**2**] LCalumet, *8 Jun.* (Joe F).

Gadwall
[**B**] (6) RollinsSav, *8 Jun.* (Beau Schaefer) (fldgs).
[**33**] RollinsSav, *20 Jul.* (Beau Schaefer).

Mallard
[**235**] Emiquon, *9 Jun.* (Ted Hartzler).
[**223**] PeacockM, *12 Jun.* (Tony C).
[**41**] HorseshoeLSP, *2 Jun.* (Becky Ellis).

American Black Duck
[**1**] Burnham Pra NP (Cook Co), *14-14 Jun.* (Walter Marcisz).
[**1**] Shiloh Pk (Lake Co), *14-15 Jul.* (Eric Walters).

MOTTLED DUCK
[**1**] Emiquon, *14-27 Jun.* (Colin Dobson:ph*, Frank Holmes*, Benjamin Murphy:ph*, m.ob.).

Northern Pintail
[**6**] Emiquon, *16 Jun.* (Colin Dobson, et al.).
[**1**] GlacialPk, *9-11 Jun.* (Al Stokie, m.ob.).

Green-winged Teal
[**15**] SpringbrookPra, *8 Jul.* (Mark Freeburg, Michael Warner).
[**4**] Emden (Logan Co), *8 Jul.* (Ted Hartzler).

Canvasback
[**1**] Emiquon, *7 Jun.* (Colin Dobson).

Redhead
[**14**] Emiquon, *7 Jun.* (Matthew Williams, Colin Dobson).
[**8**] BusseWds, *14 Jun.* (Lisa Reid).

Ring-necked Duck
[**2**] DixonWR, *18 Jun.* (Ted Hartzler).

Greater Scaup
[**1**] Armstrong Pk (DuPage Co), *1-2 Jun.* (Carol Minix).
[**1**] Jon J Duerr FP (Kane Co), *4 Jun.* (Barb Rask).

Lesser Scaup
[**5**] Chautauqua, *29 Jun.* (Nicole Pietrunti, Chad Cremer).

Bufflehead
[**1**] Riverside Pk (Kane Co), *6 Jun.* (Tim Klimowski).

Common Goldeneye
[**1**] MoraineHills, *1-5 Jun.* (m. ob.).
[**1**] GLNTC, *18 Jun.* (Donnie R. Dann).

Hooded Merganser
[**19**] RollinsSav, *19 Jun.* (Gary Glowacki, Beau Schaefer).
[**10**] Emiquon, *2 Jun.* (Colin Dobson).
[**7**] CrabOrchard, *11 Jun.* (Keith McMullen).

Common Merganser
[**1**] Fox R (Kane Co), *2* & *13 Jun.* (m.ob.).
[**1**] Cook Co, *through season* (m.ob.).

Red-breasted Merganser
[**13**] Pk 566 (Cook Co), *1 Jun.* & [9] *5 Jun.* (Dan Lory).

Ruddy Duck
[**14**] DixonWR, *21 Jun.* (Scott Harp).
[**12**] Emiquon, *7 Jun.* (Colin Dobson, Matthew Williams).
[**12**] Henderson Crk SFWA (Henderson Co), *12 Jun.* (Jim Mountjoy).
[**2**] HorseshoeLSP, *1 Jun.* (Frank Holmes).

Northern Bobwhite
[**B**] (5) Casey (Coles Co), *29 Jul.* (Ruth Riegel) (fldgs).
[**B**] (8) Sand Crk RA (Macon Co), *31 Jul.* (Ken Laundra) (fldgs).
[**13**] Athensville (Greene Co), *11 Jun.* (Tony Rothering).
[**12**] Lerna (Cumberland Co), *6 Jun.* (Amy Lynch).
[**11**] Columbia BBS (Monroe Co), *5 Jun.* (Keith McMullen).
[**5**] L&D 16 (Rock Island Co), *28 Jul.* (Peter Leabhart).

Wild Turkey
[**26**] Danvers Twp (McLean Co), *6 Jul.* (Lou Herrin).
[**18**] KennekukCove, *27 Jun.* (Aerin Tedesco).
[**17**] ChainOLSP, *11 Jul.* (Jack Bechtel).
[**16**] CrabOrchard, *12 Jul.* (Judy Groskind).

Ring-necked Pheasant
[**B**] (8) Univeristy Pk (Will Co), *22 Jun.* (Susan Zelek) (fldgs).
[**B**] (6) ChainOLSP, *11 Jul.* (Jim Hully) (fldgs).
[**B**] (5) Casey (Coles Co), *19 Jun.* (Ruth Riegel) (nest w/ yg).
[**12**] Finfrock SHA (De Witt Co), *3 Jun.* (Zachary Sutton, Mike Avara).
[**8**] Univeristy Pk (Will Co), *18 Jun.* (Susan Zelek).
[**8**] Midewin, *19 Jun.* (J.A. Smith).
[**6**] Lerna (Cumberland Co), *6 Jun.* (Amy Lynch).

Pied-billed Grebe
[**B**] (8) Campton Hills (Kane Co), *11 Jun.* (Leah Kmiecik) (fldgs).
[**B**] (1) Normantown Wet (Will Co), *19 Jun.* (Jon G.) (fldgs).
[**B**] (2) Midewin, *9 Jul.* (Andy Gilbert) (fldgs).
[**B**] (6) GreenR, *17 Jul.* (Ryan Jones) (fldgs).
[**B**] (3) Channahon, *18 Jul.* (B. Fisher) (fldgs).
[**B**] (5) LCalumet, *30 Jul.* (Walter Marcisz) (fldgs).
[**B**] (3) Gifford (Champaign Co), *22 Jul.* (Aerin Tedesco) (fldgs).
[**15**] DixonWR, *13 Jun.* (Graham Deese).
[**11**] Goose Lake NA (McHenry Co), *3 Jun.* (Randy Schietzelt).
[**9**] Hickory Ridge NP (Douglas Co), *17 Jun.* (Vern Wilkins).
[**4**] Eagle Pk M (Madison Co), *6 Jun.* (Frank Holmes).
[**4**] HorseshoeLSP, *26 Jun.* (Pat Lueders, Yvonne Homeyer).

Eared Grebe
[**1**] Emiquon, *3-13 Jun.* (Colin Dobson, m.ob.).

Rock Pigeon
[**300**] Crawford Co Arpt (Crawford Co), *31 Jul.* (Ted Wolff).
[**192**] Chi, *13 Jul.* (David Antieau).
[**30**] Charleston (Coles Co), *17 Jul.* (Vicky & Gordon Tucker).
[**30**] Niota (Hancock Co), *23 Jul.* (Colin Dobson).

Eurasian Collared-Dove
[**B**] (2) Chi, *28 Jun.* (Debra Koss, Glenn Forchione) (fldgs).
[**15**] Chi, *28 Jul.* (Joe Lill).
[**12**] Effingham (Effingham Co), *15 Jun.* (Kodi Avery).
[**6**] Streator (Livingston Co), *5 Jun.* (J.A. Smith).

White-winged Dove
[**1**] Elmhurst (DuPage Co), *11 Jun.* (Scott Latimer, m.ob.).
[**1**] NorthPond, *30 Jun.* (Steve Huggins).

Mourning Dove
[**400**] Crawford County Arpt (Crawford Co), *31 Jul.* (Ted Wolff).
[**100**] Grant Wds FP (Lake Co), *19 Jun.* (Ethan Ellis).
[**100**] Springbrk, *10 Jul.* (Lawrence Caputo).
[**100**] Gorham (Jackson Co), *16 Jul.* (Don Mullison).
[**100**] Mackinaw R SFWA (Tazewell Co), *17 Jul.* (Lou Herrin).

Yellow-billed Cuckoo
[**B**] (1) MacArthur Wds NP (Lake Co), *10 Jul.* (Ethan Ellis) (fldgs).
[**B**] (1) Rockford Rotary Co FP (Winnebago Co), *3 Jul.* (Eric Secker) (w/ food).
[**B**] (2) L&D 18 (Henderson Co), *18 Jul.* (Stollery & Flood) (w/ food).
[**B**] (1) MermetL, *25 Jul.* (Aerin Tedesco) (w/ food).
[**B**] (1) Giant City SP (Jackson Co), *31 Jul.* (Raymond VanBuskirk) (w/ food).
[**7**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).
[**7**] Henderson Crk SFWA (Henderson Co), *11 Jun.* (Colin Dobson).
[**6**] Hickory Twp (Schuyler Co), *8 Jul.* (Colin Dobson).
[**5**] Lemont (DuPage Co), *28 Jul.* (Paul Clifford).

Black-billed Cuckoo
[**3**] CrabOrchard, *29 Jul.* (Thomas Funke).
[**2**] Ryerson, *1 Jun.* (Dominic LeRose).
[**2**] GlacialPk, *2 Jun.* (Vicki Buchwald).
[**2**] Aurora West FP (Kane Co), *7 Jun.* (Theresa LeCompte).
[**2**] Seneca (Grundy Co), *13 Jun.* (Jeff Chapman).
[**2**] ILBeachSP, *9 Jul.* (CiCi Birnberg).
[**2**] Milles Fleurs NP (Monroe Co), *25 Jul.* (Carl & Pen Daubach).
[**1**] Kansas Twp (Edgar Co), *29 Jul.* (Steven Lima).

Common Nighthawk
[**15**] LostMound, *4 Jun.* (Margaret Morrissette, Tom Doig, Adam Sell, Kevin Shyne).
[**15**] Harrisburg (Saline Co), *21 Jul.* (Travis DeNeal).
[**10**] Peoria Arpt (Peoria Co), *3 Jun.* (Sean Christensen).
[**8**] LCalumet, *3 Jun.* (Stephanie Beilke).

Chuck-will's-widow
[**3**] Carbondale, *8 Jun.* (Xiaoni Xu, Eugene Huryn, Jacob C. Cooper).
[**3**] Nortonville (Morgan Co), *15 Jun.* (Colin Dobson).
[**2**] FerneClyffe, *2 Jun.* (Joe Lill).

Eastern Whip-poor-will
[**18**] IroquoisCoCA, *19 Jun.* (Edward Warden, Jim Bowhay).
[**10**] LostMound, *18 Jun.* (Daniel Bellich).
[**1**] Fults (Monroe Co), *23 Jun.* (Mike Avara).
[**1**] Hardin (Calhoun Co), *3 Jul.* (Jim Mountjoy).

Chimney Swift
[**B**] (6) Brunner FP (Kane Co), *8 Jul.* (Richard Miller, Marion Miller) (feeding yg).
[**B**] (2) Crystal L WTP (McHenry Co), *11 Jun.* (Michael Wisinski, Jeff Aufmann) (nest w/ eggs).
[**B**] (3) Evanston (Cook Co), *16 Jun.* (John Bates) (w/ nest mat.).
[**171**] Geneva (Kane Co), *20 Jul.* (Jon J Duerr).
[**130**] Washington Pk (Cook Co), *20 Jul.* (Robert Hansen).
[**120**] Nichols Pk (Cook Co), *8 Jul.* (Xiaoni Xu).
[**30**] Granite City (Madison Co), *23 Jun.* (Levi Mattingly).
[**30**] Founder's Grove (McLean Co), *14 Jul.* (Kevin Suess).

Ruby-throated Hummingbird
[**82**] Milles Fleurs NP (Monroe Co), *11 Jul.* (Carl & Pen Daubach).
[**36**] Casey (Coles Co), *24 Jul.* (Ruth Riegel).
[**10**] ChiBotanicG, *30 Jul.* (Nicole Dicop-Hineline).

Rufous Hummingbird
[**1**] Mountain Twp (Saline Co), *6 Jul.* (Cathy DeNeal, Travis DeNeal).

King Rail
[**1**] LCalumet, *3 Jun. – 2 Jul.* (Stephanie Beilke).
[**1**] Orland Grassland (Cook Co), *5-6 Jun.* (Ian Sarmiento, Hannah Vinsel Wine, Jacob Vinsel).
[**1**] MiddleforkSav, *5 Jun.* (Jorge Doña, Carolina Osuna Mascaro, Kevin Johnson).
[**1**] Loda (Ford Co), *7 Jun.* (Zachary Sutton).
[**1**] BannerM, *9-21 Jul.* (Pete Fenner, Bert Foquet).
[**1**] PrairieRidge-M, *5 Jun.* (Leroy Harrison).

Virginia Rail
[**B**] Breeding noted in DuPage, Lake, Cook, Will, Bureau, and Putnam Cos.
[**10**] RollinsSav, *20 Jun.* (Eric Johnson, Donna Kenski).
[**1**] Emiquon, *17 Jun.* (Ami Horowitz).

Sora
[**B**] (5) Orland Park (Cook Co), *23 Jul.* (Gary Clinkman) (fldgs).
[**6**] Midewin, *27 Jul.* (Andy Gilbert).
[**3**] Eagle L (Will Co), *11 Jul.* (Susan Zelek).
[**3**] Tanna Farms GC (Kane Co), *31 Jul.* (Lisa Pool).
[**2**] Harwood Twp (Champaign Co), *19 Jul.* (Jason Newton, Dallas Levey).
[**2**] Brocton (Edgar Co), *21 Jul.* (Steven Lima).
[**2**] CarlyleL-C, *29 Jul.* (Mark Seiffert).

Common Gallinule
[**B**] (5) L&D 13 (Whiteside Co), *9 Jul.* (Ted Wolff) (fldgs).
[**B**] (3) DickYoungNL, *14 Jul.* (Vince Moxon) (fldgs).
[**B**] (4) LCalumet, *30 Jul.* (Walter Marcisz) (fldgs).
[**B**] (1) Costco Sl (Cook Co), *6 Jun.* (Ian Sarmiento) (on nest).
[**B**] (10) HorseshoeLSP, *15 Jun.* (Frank Holmes, m. ob.) (fldgs).
[**18**] HorseshoeLSP, *13 Jul.* (Frank Holmes).
[**10**] DixonWR, *12 Jun.* (Ted Hartzler).
[**5**] Emiquon, *23 Jul.* (Chad Cremer).

American Coot
[**B**] (13) Emiquon, *11 Jun.* (Vicky Sroczynski) (fldgs).
[**B**] (3) Savoy (Champaign Co), *19 Jun.* (unknown) (fldgs).
[**100**] Emiquon, *7 Jun.* (Colin Dobson).
[**42**] DixonWR, *14 Jun.* (Scott Harp).
[**10**] HorseshoeLSP, *1 Jul.* (Nancy Clogston).

LIMPKIN
[**1**] ChainOLSP, *10-14 Jul.* (Al Nichols, m.ob.*).

Sandhill Crane
[**49**] NygrenWet, *7 Jul.* (Dan Williams).
[**36**] Goose Lak NA (McHenry Co), *30 Jul.* (Richard Hugel).
[**3**] MiddleforkSav, *25 Jul.* (Chip K).

Black-necked Stilt
[**B**] (6) Chautauqua, *28 Jun.* (Colin Dobson) (on nest).
[**B**] (1) ECapeGir, *24 Jun.* (Karin Pelton) (on nest).
[**25**] Emiquon, *26 Jun.* (Benjamin Murphy, Angelo Capparella).
[**15**] ECapeGir, *10 Jul.* (Tina Pryor, Alfred Pryor).
[**4**] UpperMissRNWR, *16 Jun.* (Nicholas Timmer).

American Avocet
[**3**] Montrose, *1 Jun.* (Robert Hughes, Howard Blum, Audrey Carl).
[**3**] Henderson Crk SFWA, *23 Jul.* (Colin Dobson).
[**2**] Emiquon, *26 Jun.* (Benjamin Murphy, Angelo Capparella).
[**2**] Powerton L, *25 Jul.* (Bert Foquet).

Piping Plover
[**B**] (2) Montrose, *1 Jun.* (B Fleming, m.ob.) (on nest).
[**7**] Montrose, *13 Jul.* (Ann Gunkel, Lin Johnston).

Killdeer
[**240**] Buck Twp (Edgar Co), *7 Jul.* (Steven Lima).
[**220**] Emiquon, *22 Jun.* (Isoo O'Brien, Simon Tolzmann).
[**200**] Joliet (Kendall Co), *31 Jul.* (Steve Huggins, Glenn Giacinto, Ryan Jones).

Upland Sandpiper
[**7**] Gridley (McLean Co), *18 Jul.* (Angelo Capparella, Benjamin Murphy).
[**5**] Manteno (Kankakee Co), *16 Jul.* (Susan Zelek).
[**3**] L Summerset (Stephenson Co), *30 Jun.* (Dan Williams).
[**1**] CarlyleL-C, *29 Jul.* (Mark Seiffert).

American Woodcock
[**B**] (2) Naperville (DuPage Co), *15 Jun.* (Candace Pastore) (fldgs).
[**B**] (4) Waukegan (Lake Co), *17 Jun.* (Jess Albarran) (fldgs).
[**4**] Elburn (Kane Co), *11 Jun.* (Nancy Nesyto-Freske).
[**3**] Mellody Farm NP (Lake Co), *3 Jun.* (Maureen Marsh).
[**2**] LCalumet, *3 Jun.* (Stephanie Beilke).
[**2**] RollinsSav, *11 Jun.* (J Crisler, Matt Crisler).
[**2**] Fischer Wds FP (DuPage Co), *13 Jun.* (Nick Barber).
[**1**] Pitman Twp (Montgomery Co), *21 Jul.* (Jarod Hitchings).
[**1**] Maple Grove (Edwards Co), *4 Jul.* (Shelby Robert).

Wilson's Snipe
[**4**] Sheffield (Bureau Co), *21 Jul.* (Scott Harp).
[**4**] Rt 52 Fluddle (Kendall Co), *29 Jul.* (Scott Johnson).
[**3**] DixonWR, *26 Jul.* (Scott Harp).
[**1**] Woodson (Morgan Co), *8 Jul.* (Tony Ward, Colin Dobson).
[**1**] Lewistown (Fulton Co), *25 Jul.* (Colin Dobson).

Red-necked Phalarope
[**2**] Emiquon, *3 Jun.* (Colin Dobson).

Spotted Sandpiper
[**22**] Rainbow B (Cook Co), *2 Jul.* (Xiaoni Xu, Jing-Yi Lu).
[**21**] Powerton L (Tazewell Co), *17 Jul.* (Bert Foquet).
[**21**] Nippersink M (Lake Co), *17 Jul.* (Jeff Bilsky, Beau Schaefer).

Bonaparte's Gull
[**2**] GLNTC, *11 Jun.* (Donnie R. Dann).
[**2**] WaukeganB, *11 Jun.* (Donna Kenski).

Laughing Gull
[**1**] Montrose, *11 Jun.* (Robert Hughes, m.ob.).
[**1**] Moline, *25-27 Jun.* (Ted Hartzler, William & Gayla Hickerson).
[**1**] LSpringfield, *10 Jun.* (Colin Dobson).
[**1**] CarlyleL-C, *1 Jul.* (Mark Seiffert).

Franklin's Gull
[**1**] Montrose, *27 Jun.* (Susan Szeszol, Belle H).
[**1**] Emiquon, *15 Jun.* (Colin Dobson, Steve Zehner).

Ring-billed Gull
[**700**] Montrose, *6 Jul.* (Robert Hansen).
[**700**] Riverplex Sandbar (Tazewell Co), *30 Jul.* (Bert Foquet).
[**600**] Moline, *31 Jul.* (Steven Freed).

California Gull
[**1**] LSpringfield, *19 Jun.* (Frank Holmes, Keith McMullen).

Herring Gull
[**B**] (6) N Branch Canal (Cook Co), *10 Jun.* (Edward Warden) (on nest).
[**135**] Montrose, *14 Jul.* (Kevin Artz).

Lesser Black-backed Gull
[**1**] RiverPlex (Peoria Co), *30-31 Jul.* (Pete Fenner).

Least Tern
[**15**] Miller City (Alexander Co), *10 Jul.* (Ari Rice).
[**3**] TwoRivers, *6 Jun.* (Ted Hartzler).
[**3**] Grand Tower (Jackson Co), *8 Jun.* (Jacob C. Cooper, Eugene Huryn, Xiaoni Xu).
[**1**] Henderson Crk SFWA (Henderson Co), *11 Jun.* (Colin Dobson).

Caspian Tern
[**100**] Montrose, *28 Jun.* (Kevin Lin).
[**26**] CarlyleL-C, *30 Jul.* (Mark Seiffert).
[**17**] BannerM, *11 Jul.* (Jennifer Scoby, Peter Fenner).

Black Tern
[**B**] (8) ChainOLSP, *12 Jul.* (Vicki Buchwald, Steve Huggins, Nathan Goldberg) (fldgs).
[**20**] ChainOLSP, *11 Jul.* (Jennifer Hovey).
[**18**] Heyworth (McLean Co), *15 Jul.* (Michael McKinley).
[**5**] HorseshoeLSP, *16 Jul.* (Frank Holmes).

Common Tern
[**44**] GLNTC, *6 Jul.* (Unknown).
[**43**] GLNTC, *13 Jul.* (Donnie R. Dann).
[**1**] HorseshoeLSP, *5 Jun.* (Jeff Corcoran).

Forster's Tern
[**4**] Powerton L (Tazewell Co), *17 Jul.* (Bert Foquet).
[**3**] Emiquon, *2 Jun.* (Colin Dobson).
[**3**] HorseshoeLSP, *29 Jun.* (Frank Holmes).
[**3**] WaukeganB, *2 Jul.* (Annette McClellan).
[**3**] Granite City (Madison Co), *2 Jul.* (Brian Stamper).

ROYAL TERN
[**1**] WaukeganB, *18 Jul.* (Annette McClellan*, William McClellan*) (photos).

Common Loon
[**1**] GLNTC, *1 Jun.* (Donnie R. Dann).
[**1**] Mallard L FP (DuPage Co), *2 Jun. – 31 Jul.* (Luis Munoz, m.ob.).
[**1**] SaganashkeeSl, *11 Jul.* (Alex Haza).
[**1**] LBloomington, *1-19 Jun.* (Noah Price, Jeff Jackson).
[**1**] Mattoon Sand & Gravel Co. (Coles Co), *7 Jun.* (Ron Bradley).
[**1**] Saline Co SFWA (Saline Co), *3 Jun.* (Joe Lill).
[**1**] Mill Crk L (Clark Co), *7 Jun. – 26 Jul.* (Steven Lima).

WOOD STORK
[**1**] MermetL, *20-31 Jul.* (Travis DeNeal, Cathy DeNeal, m.ob.*).

Double-crested Cormorant
[**3,000**] CarlyleL-C, *19 Jul.* (Dan Kassebaum).
[**1,030**] WaukeganB, *9 Jul.* (Adam Sell).
[**275**] Chautauqua, *2 Jul.* (Craig Taylor).

Neotropic Cormorant
[**10**] HorseshoeLSP, *9 Jun.* (Frank Holmes).
[**1**] Henderson Crk SFWA (Henderson Co), *11 Jun.* (Colin Dobson).
[**1**] Chautauqua, *25-26 Jun.* (Colin Dobson, m.ob.).

American White Pelican
[**700**] Emiquon, *22 Jun.* (Dennis Endicott).
[**500**] UpperMissRNWR, *22 Jul.* (Steve Zehner, Mary Zehner).
[**375**] CrabOrchard, *25 Jul.* (W. Douglas Robinson).

American Bittern
[**2**] WaterfallGlen, *30 Jul.* (Mike Madsen).
[**1**] HorseshoeLSP, *6 Jun. – 4 Jul.* (Frank Holmes, m.ob.).
[**1**] Burning Star Mine (Jackson Co), *14 Jul.* (Eugene Huryn).

Least Bittern
[**B**] (2) WaterfallGlen, *5 Jul.* (B. Fisher) (fldgs).
[**B**] (3) Costco Sl (Cook Co), *20 Jul.* (Mark Freeburg, Michael Warner) (fldgs).
[**B**] (2) BannerM, *7 Jul.* (Pete Fenner, Jennifer Scoby) (feeding yg).
[**6**] HorseshoeLSP, *3 Jul.* (Dan Kassebaum).
[**4**] PrattsWayneWds, *5 Jun.* (Glenn Perricone).
[**4**] BannerM, *14 Jul.* (Pete Fenner, Jennifer Scoby).

Great Blue Heron
[**90**] Chautauqua, *28 Jun.* (Colin Dobson).
[**60**] Levee Rd (Monroe Co) *18 Jul.* (Dan Kassebaum).
[**45**] Elmhurst Quarry (DuPage Co), *7 Jul.* (Henry Meade).
[**45**] Hogchute Bridge Wet (Piatt Co), *8 Jul.* (Nathan Beccue).

Great Egret
[**B**] (6) WaterfallGlen, *5 Jul.* (B. Fisher) (fldgs).
[**B**] (107) Baker's L (Cook Co), *13 Jul.* (Carolyn Fields) (nest w/ yg).
[**B**] (30) LRenwick, *26 Jul.* (Mary Murrell) (on nest).
[**300**] MermetL, *8 Jul.* (Dan Kassebaum).
[**200**] Baker's L (Cook Co), *5 Jun.* (Karen McKinley).
[**200**] CrabOrchard, *30 Jul.* (Ted Wolff).
[**120**] Emiquon, *7 Jun.* (Colin Dobson).

Snowy Egret
[**16**] Galille Rd (Union Co), *8 Jul.* (Dan Kassebaum).
[**11**] Grand Tower (Jackson Co), *11 Jun.* (Keith McMullen).
[**10**] I Rd (Jackson Co), *11 Jun.* (Vince Moxon).
[**10**] Chain of Rocks Bridge (Madison Co), *1 Jul.* (Frank Holmes).
[**2**] Emiquon, *2 Jun.* (Colin Dobson).

Little Blue Heron
[**119**] Wayne Co, *28 Jul.* (Leroy Harrison) (tally from 3 sites).
[**26**] ECapeGir, *29 Jun.* (Mark Haas).
[**16**] Greenup Twp (Cumberland Co), *30 Jul.* (Steven Lima).
[**5**] Cotton Hill Twp (Sangamon Co), *19 Jul.* (Tony Rothering, Jim Mordacq).
[**1**] MiddleforkSav, *1 Jul.* (Aryeh Richter).
[**1**] Channahon, *25 Jul.* (Davida Kalina).

Cattle Egret
[**24**] Grand Tower, *21 Jul.* (Andrew S. Aldrich).
[**1**] Chi, *4 Jun.* (Steve Huggins).
[**1**] DixonWR, *26 Jul.* (Scott Harp).
[**1**] Rushville Twp (Schuyler Co), *1 Jun.* (Richard Fishel).

Green Heron
[**24**] Orland Park (Cook Co), *17 Jul.* (Jeanne Stacey).
[**15**] MoraineHills, *31 Jul.* (Lisa Maier, et al.).
[**7**] MermetL, *9 Jul.* (Morton Massey).
[**4**] BannerM, *17 Jul.* (Pete Fenner).

Black-crowned Night-Heron
[**B**] (500) LincolnPk, *8 Jun.* (Matthew Igleski) (fldgs).
[**550**] LincolnPk, *15 Jun.* (Matthew Igleski).
[**9**] HorseshoeLSP, *30 Jul.* (Trevor Leitz).
[**2**] BannerM, *12 Jun.* (Pete Fenner, Jennifer Scoby).

Yellow-crowned Night-Heron
[**6**] MermetL, *24 Jul.* (W. Douglas Robinson).
[**3**] RendL-F, *10 Jul.* (Michael Heaney).
[**1**] LincolnPk, *12 Jun.* (Matthew Igleski).
[**1**] Havana (Fulton Co), *6 Jul.* (Colin Dobson).
[**1**] Normal (McLean Co), *16 Jul.* (Unknown).

White-faced Ibis
[**1**] New Lenox (Will Co), *18 Jun.* (Susan Zelek, m.ob.).
[**1**] CarlyleL-C, *7 Jun.* (Dan Kassebaum).

ROSEATE SPOONBILL
[**1**] ShawneeNF, *31 Jul.* (*Craig Taylor:ph).

Black Vulture
[**55**] Forbes SP (Marion Co), *1 Jun.* (Leroy Harrison).
[**38**] Gorham (Jackson Co), *8 Jun.* (Eugene Huryn, Jacob C. Cooper, Xiaoni Xu).
[**21**] Carbondale, *21 Jul.* (Laurel Toussaint).
[**14**] CacheRSNA, *10 Jul.* (Nick Kontonicolas).
[**1**] Mem Pk Cem (Cook Co), *29 Jun.* (John Bates*) (photos).

Turkey Vulture
[**120**] CarlyleL-C, *19 Jul.* (Dan Kassebaum).
[**70**] Steger (Cook Co), *4 Jul.* (Susan Zelek).
[**50**] LSpringfield, *10 Jun.* (Colin Dobson).

Osprey
[**30**] CarlyleL-C, *19 Jul.* (Dan Kassebaum) (nest w/young).
[**11**] Fermilab-D, *10 Jun.* (Dave Spleha).

WHITE-TAILED KITE
[**1**] Chotuteau I (Madison Co), *21 Jun.* (Michael Ward, Mike Avara, m.ob.*).

Mississippi Kite
[**B**] (4) Fox Ridge SP (Coles Co), *29 Jun.* (Ron Bradley) (nest w/ yg).
[**B**] (3) HeronPond, *15 Jul.* (Mike Hearell) (feeding yg).
[**B**] (4) Pomona, *22 Jul.* (Rhonda Rothrock) (fldgs).
[**43**] Chotuteau I (Madison Co), *22 Jun.* (Ted Wolff, David Johnson).
[**30**] Pomona, *16 Jun.* (Rhonda Rothrock).

Northern Harrier
[**2**] GooseLPra, *13 Jun. – 14 Jul.* (m.ob.).
[**2**] Barnhart Pra (Champaign Co), *22 Jul.* (Unknown).
[**1**] Silver L Pk (Madison Co), *4 Jun.* (Greg Coffey).
[**1**] Engelmann Farm Pk (St. Clair Co), *16 Jun.* (Faith Warren, Kim Ramos).
[**1**] Burnt Pra (White Co), *18 Jun.* (Shelby Robert).
[**1**] Harrisburg (Saline Co), *18 Jul.* (Cathy DeNeal).
[**1**] R Rd Sl (Clark Co), *18 Jul.* (Steven Lima).
[**1**] Willow L (Monroe Co), *18 Jul.* (Paul R).
[**1**] Hidalgo (Jasper Co), *28 Jul.* (Colin Dobson).

Sharp-shinned Hawk
[**1**] Armstrong Pk (DuPage Co), *2 Jun.* (Carol Minix).

Cooper's Hawk
[**5**] Emily Oaks NC (Cook Co), *8 Jun.* (Josh Engel, Amanda Zeigler).
[**5**] Douglass Pk (Cook Co), *9 Jun.* (Eric D Gyllenhaal).
[**5**] Batavia (Kane Co), *4 Jul.* (Nick Caltagirone).
[**5**] Chi, *8 Jul.* (Beth Dolnick).

Bald Eagle
[**33**] CarlyleL-C, *3 Jul.* (Dan Kassebaum).
[**13**] R Rd Sls (Clark Co), *26 Jul.* (Steven Lima).
[**7**] Miller City (Alexander Co), *10 Jul.* (Ari Rice).

Broad-winged Hawk
[**B**] (4) MissPalisades, *20 Jul.* (Steve Zehner, Mary Zehner) (fldgs).
Most high counts of 2 or fewer birds.

Red-tailed Hawk
[**11**] Woodridge (Cook Co), *14 Jul.* (Richard Biss).
[**7**] MiddleforkSav, *13 Jun.* (Greg Ruetten).
[**6**] Lake Villa (Lake Co), *17 Jul.* (Richard Biss).
[**6**] Odell (Livingston Co), *18 Jul.* (Pat Andersen, et al.).

Barn Owl
[**1**] Beverly (Adams Co), *12 Jun.* (Jim Funk).

Eastern Screech-Owl
[**B**] (3) LaBagh Wds FP (Cook Co), *20 Jun.* (Jeff Skrentny) (fldgs).
[**B**] (4) Havana (Mason Co), *17 Jun.* (Andy Gilbert) (fldgs).
[**3**] Havana (Mason Co), *21 Jun.* (Andy Gilbert).
[**2**] Ora Twp (Jackson Co), *4 Jun.* (Marija Elden).
[**2**] Hardin (Calhoun Co), *3 Jul.* (Jim Mountjoy).

Great Horned Owl
[**4**] LaBagh Wds FP (Cook Co), *1 Jun.* (Kevin Artz).
[**4**] Knoch Knolls Pk (Will Co), *20 Jul.* (Barb Zumpano).
[**2**] EwingP, *19 Jun.* (Mercy Davison, et al.).
[**2**] Casey (Coles Co), *3 Jul.* (Ruth Riegel).

Barred Owl
[**4**] Giant City SP (Union Co), *3 Jul.* (Steve Slagg).
[**4**] Milan St (Rock Island Co), *15 Jul.* (Steven Freed).
[**3**] Ryerson, *2 Jun.* (Unknown).
[**3**] Hillandale Estates (Rock Island Co), *9 Jul.* (Steven Freed).
[**3**] Grantsburg (Johnson Co), *30 Jul.* (C Morvich).

Belted Kingfisher
[**B**] (4) Elburn (Kane Co), *24 Jun.* (Ellen Star) (fldgs).
[**B**] (4) Pra Oaks FP (DeKalb Co), *4 Jul.* (Tony Del Valle) (fldgs).
[**6**] RollinsSav, *22 Jul.* (Laura Simpson, Barbara Laughlin-Karon).
[**5**] L Petersburg (Menard Co), *17 Jun.* (Jim Herkert).
[**5**] Four L FP (Winnebago Co), *27 Jun.* (Garrett Lowe).
[**4**] Blackhawk Springs (Winnebago Co), *12 Jun.* (Max Metz).
[**4**] Crystal L Pk (Champaign Co), *2 Jul.* (Doug McDonald).
[**4**] Bluff Rd Wet (Clark Co), *28 Jul.* (Steven Lima).
[**4**] BannerM, *29 Jul.* (Dennis Endicott).
[**4**] Channahon (Will Co), *31 Jul.* (Steve Huggins, Ryan Jones, Glenn Giacinto).

Yellow-bellied Sapsucker
[**4**] UpperMissRNWR, *20 Jun.* (David Shealer).
[**4**] Apple R Canyon SP (Jo Daviess Co), *30 Jun.* (Vicky Sroczynski).
[**3**] LostMound, *4 Jun.* (Adam Sell, et al.).
[**1**] Cave-In-Rock SP (Hardin Co), *4 Jun.* (Jackie Alfirevic).

Red-headed Woodpecker
[**12**] Erie (Whiteside Co), *8 Jul.* (Anne Hughes).
[**10**] Walnut Point SP (Douglas Co), *9 Jul.* (Steven Lima).
[**9**] Monroe Twp (Hardin Co), *20 Jul.* (Mark Vukovich).

Red-bellied Woodpecker
[**27**] SaltCrkWds, *1 Jun.* (Douglas Stotz).
[**23**] Columbia BBS (Monroe Co), *5 Jun.* (Keith McMullen).
[**18**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).
[**12**] Meadbrook Pk (Champaign Co), *1 Jun.* (Eric Freyfogle).

Downy Woodpecker
[**12**] LCalumet, *6 Jun.* (Carl Giometti, Jill Niland).
[**12**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).
[**12**] SaltCrkWds, *12 Jun.* (Douglas Stotz).
[**12**] Kloempken Pra (Cook Co), *7 Jul.* (Deborah Antlitz).
[**12**] Fox R Shores FP (Kane Co), *15 Jul.* (Walt Lutz).

Hairy Woodpecker
[**8**] Somme Wds (Cook Co), *2 Jun.* (Stephen Packard).
[**6**] Skokie Lagoons (Cook Co), *21 Jun.* (Amanda Tichacek).
[**6**] Saw Wee Kee Pk (Kendall Co), *26 Jun.* (Haley Gottardo).
[**4**] Milles Fleurs NP (Monroe Co), *13 Jun.* (Carl & Pen Daubach).

Pileated Woodpecker
[**B**] (3) MortonArb, *1 Jun.* (Jenna D.) (feeding yg).
[**B**] (4) CapSauers, *1 Jun.* (Woody Goss) (feeding yg).
[**B**] (3) Messenger Wds NP (Will Co), *8 Jun.* (Kathy Stephens) (feeding yg).
[**B**] (3) Ryerson, *1 Jun.* (Jenny Flexman, Jenny Vogt) (nest w/ yg).
[**5**] Ryerson, *6 Jun.* (Paul Quintas).
[**5**] MomenceWet, *11 Jun.* (Jed Hertz).
[**4**] CapSauers, *9 Jun.* (Nick Waite).

Northern Flicker
[**13**] Somme Wds (Cook Co), *21 Jul.* (Dan Leggio).
[**12**] Miller Meadows (Cook Co), *23 Jul.* (John Elliott).
[**11**] Burnham Pra NP (Cook Co), *25 Jun.* (Jacob Vinsel).
[**11**] Bluff Spring Fen (Cook Co), *17 Jul.* (Margaret Mechtenberg).
[**10**] KankakeeRSP, *7 Jul.* (Dominik Dubravec).
[**4**] No Name Pk (Madison Co), *17 Jun.* (Brent Schindewolf).
[**4**] Bluff Rd Wet (Clark Co), *28 Jul.* (Steven Lima).

American Kestrel
[**B**] (4) Muirhead Springs FP (Kane Co), *2 Jul.* (Walt Lutz) (fldgs).
[**B**] (2) Chi, *10 Jun.* (Luke Karl) (on nest).
[**B**] (2) Pleasant Valley CA (McHenry Co), *13 Jun.* (Jeff Aufmann) (on nest).
[**B**] (4) Henderson Co State CA (Henderson Co), *24 Jul.* (Stollery & Flood) (fldgs).
[**8**] Levee Rd (Monroe Co) *18 Jul.* (Dan Kassebaum).
[**8**] CarlyleL-C, *19 Jul.* (Dan Kassebaum).
[**7**] Rosehill Cem (Cook Co), *28 Jul.* (Mark Ross).
[**6**] Burlington (Kane Co), *26 Jun.* (Michael McNamee).
[**6**] Colusa (Hancock Co), *3 Jul.* (Douglas Stotz).
[**6**] Techny Basin (Cook Co), *10 Jul.* (Martin Berg).
[**6**] Pk 566 (Cook Co), *18 Jul.* (Dan Lory).

Merlin
[**2**] Waukegan (Lake Co), *6 Jun. – 6 Jul.* (Dawn Fronk).
[**1**] Bensenville (DuPage Co), *11 Jun.* (Brendon Lake).
[**1**] Niles (Cook Co), *21 Jun. – 23 Jul.* (Heather Lally, Tom Lally).
[**1**] Beaverville (Iroquois Co), *30 Jul.* (Ted Hartzler).
[**1**] Wilmette (Cook Co), *15-22 Jul.* (Owen Woodhouse).

Peregrine Falcon
[**B**] (3) Will Co Courthouse (Will Co), *29 Jul.* (unknown) (fldgs).
[**B**] (6) Rockford, *1-22 Jun.* (John Longhenry) (nest w/ yg).
[**B**] (4) Chi, *7 Jun.* (Hazem Alkhan) (nest w/ yg).
[**B**] (1) Aurora (Kane Co), *20 Jun.* (Vernon LaVia) (on nest).
[**4**] Chi, *16 Jul.* (Jennifer Hoffman).
[**2**] Univ of IL (Champaign Co), *10 Jun.* (Bryan Guarente).
[**1**] HorseshoeLSP, *1 Jun.* (Levi Mattingly).
[**1**] Chain of Rocks Bridge (Madison Co), *15 Jun.* (Mike Thelen).
[**1**] Granite City (Madison Co), *17 Jun.* (Nick Wells).
[**1**] EStLouis, *21 Jun.* (Ted Hartzler).

Monk Parakeet
[**B**] (15) Chi, *22 Jun.* (Caroline Hays, Sean Lyon) (on nest).
[**B**] (1) Churchill Wds FP (DuPage Co), *4 Jun.* (Jenny Vogt) (w/ nest mat.).
[**21**] Bedford Pk (Cook Co), *2 Jul.* (Matt Crisler).
[**20**] Chi, *4 Jul.* (Alexandra Maciel).

Olive-sided Flycatcher
[**2**] Montrose, *4 Jun.* (Matthew Dolkart).
[**1**] Moraine View SP (McLean Co), *5 Jun.* (Benjamin Murphy, Angelo Capparella).
[**1**] Edwardsville (Madison Co), *1 Jun.* (David Webb).
[**1**] HorseshoeLSP, *9 Jun.* (K. Rowling).
[**1**] MermetL, *12 Jun.* (Deb Geolat).

Eastern Wood-Pewee
[**26**] SaltCrkWds, *1 Jun.* (Douglas Stotz).
[**25**] Meadbrook Pk (Champaign Co), *1 Jun.* (Eric Freyfogle).
[**16**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).

Acadian Flycatcher
[**B**] (3) SugarRFP, *1 Jul.* (Carolyn Fields) (on nest).
[**B**] (2) Wabash Twp (Clark Co), *28 Jun.* (Steven Lima) (on nest).
[**B**] (5) Piney Crk Ravine NP (Randolph Co), *3 Jul.* (Eugene Huryn, Brendan Fogarty, Jacob C. Cooper) (on nest).
[**12**] L Glendale RA, *17 Jul.* (Laura Coglan).
[**11**] Fox Ridge SP (Coles Co), *4 Jun.* (Vicky & Gordon Tucker).
[**11**] Warbler Ridge CA, *5 Jul.* (Mike Avara).

Alder Flycatcher
[**2**] Lyons Wds, *5 Jun.* (William McClellan).
[**2**] Hebron, *5 Jun.* (Rahula Kirani).
[**2**] Goose L NA (McHenry Co), *5 Jun.* (Charlotte Pavelka, Glen Moss, Lisa Draper).
[**1**] HorseshoeLSP, *6 Jun.* (Diana Rod, Gene Rod, Alyssa Rod).

Willow Flycatcher
[**B**] (2) Otter Crk Wet (Kane Co), *24 Jun.* (Deb Dirst) (fldgs).
[**B**] (4) Wood Dale Res (DuPage Co), *10 Jul.* (Luis Munoz) (fldgs).
[**B**] (1) Izaak Walton Pr (Cook Co), *31 Jul.* (Peter Lowther) (fldgs).
[**B**] (5) DickYoungNL, *11 Jun.* (Jim Herkert) (w/ nest mat.).
[**16**] Ferguson FP (Winnebago Co), *27 Jun.* (Dan Williams).
[**15**] Powderhorn L (Cook Co), *15 Jun.* (Walter Marcisz).
[**13**] SpringbrookPra, *1 Jun.* (Mike Madsen).
[**6**] SpringL, *6 Jun.* (Bert Foquet).
[**4**] Burning Star Mine (Jackson Co), *1 & 9 Jun.* (Eugene Huryn).

Eastern Phoebe
[**B**] (12) Rockford (Winnebago Co), *May-Jul.* (Dan Williams) (pair w/5 fldgs 2 times).
[**9**] Lincoln Log Cabin SHS (Coles Co), *6 Jun.* (Vicky & Gordon Tucker).
[**7**] Hoopeston (Vermilion Co), *20 Jun.* (Katy Banning).
[**7**] JacksonPk, *10 Jul.* (Megan O'Brien, Cherly Muth, Randy Shonkwiler).
[**6**] Fullersburg Wds FP (DuPage Co), *8 Jul.* (Glenn Perricone).
[**6**] Hoover FP (Kendall Co), *19 Jul.* (Thomas Schrader).

Great Crested Flycatcher
[**17**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).
[**13**] SaltCrkWds, *1 Jun.* (Douglas Stotz).
[**10**] Meadbrook Pk (Champaign Co), *1 Jun.* (Eric Freyfogle).
[**10**] CapSauers, *1 Jun.* (Woody Goss).
[**10**] Columbia BBS (Monroe Co), *5 Jun.* (Keith McMullen).

Western Kingbird
[**B**] (2) HavanaElSub, *16 Jun.* (Glenn Giacinto, Steve Huggins, Nathan Goldberg, Nancy Clogston) (on nest).
[**B**] (2) EStLouis, *10 Jun.* (Rad Widmer) (on nest).
[**6**] Chotuteau I (Madison Co), *22 Jun.* (Michael Ward, David Johnson).
[**6**] EStLouis, *18 Jul.* (Ian Souza-Cole).
[**3**] HavanaElSub, *8 Jul.* (Craig Taylor, Al Stokie).
[**1**] Crete (Will Co), *3 Jun.* (Pat Andersen, Susan Zelek).
[**1**] Montrose, *10 Jun.* (Robert Hughes).

Eastern Kingbird
[**16**] ILBeachSP, *10 Jul.* (Jennifer Hovey).
[**16**] CarlyleL-C, *19 Jul.* (Dan Kassebaum).
[**15**] Midewin, *16 Jun.* (Andy Gilbert).
[**15**] Milford (Winnebago Co), *5 Jul.* (Laurel Ross, et al.).
[**15**] Orland Grassland (Cook Co), *21 Jul.* (Ben K).
[**11**] Heritage Pk (Champaign Co), *15 Jul.* (Shoshanna Bauer).
[**11**] SpringL, *20 Jul.* (Chad Cremer).

Scissor-tailed Flycatcher
[**1**] ILBeachSP, *13 Jun.* (Benjamin Antieau, Naomi Twigg).
[**1**] Nauvoo SP (Hancock Co), *22 Jul.* (Ellis H).

White-eyed Vireo
[**B**] (3) ShawneeNF, *10 Jul.* (Ari Rice) (feeding cowbird).
[**B**] (3) Giant City SP (Jackson Co), *31 Jul.* (Raymond VanBuskirk) (fldgs).
[**B**] (1) Pomona, *3 Jun.* (Rhonda Rothrock) (on nest).
[**10**] LaRue-PineHills EA (Union Co), *15 Jul.* (Mike Hearell).
[**8**] Pomona, *9 Jun.* (Jacob C. Cooper, Xiaoni Xu).
[**8**] Kennedy (Jackson Co), *10 Jun.* (Unknown).
[**8**] L Glendale RA (Pope Co), *17 Jul.* (Laura Coglan).

Bell's Vireo
[**B**] (2) Orland Grassland (Cook Co), *1 Jul.* (Ted Hartzler) (feeding yg).
[**B**] (1) SteelworkersPk, *22 Jun.* (Lu Wei, Jing-Yi Lu) (w/ nest mat.).
[**B**] (6) Sangamon Valley Tr (Sangamon Co), *15 Jul.* (Ryan Douglas) (w/ food).
[**15**] Midewin, *19 Jun.* (J.A. Smith).
[**8**] GooseLPra, *2 Jul.* (Wesley Sadler).
[**8**] Burning Star Mine (Jackson Co), *7 Jul.* (Eugene Huryn).
[**6**] GooseLPra, *4 Jul.* (Graham Deese).
[**6**] Marissa (St. Clair Co), *12 Jul.* (Mike Hearell).

Yellow-throated Vireo
[**B**] (2) Cattail Sl RA (Whiteside Co), *24 Jun.* (Jason McCurdy) (feeding yg).
[**B**] (1) Midewin, *20 Jun.* (Matthew Wistrand) (w/ food).
[**B**] (2) Big River SF (Henderson Co), *19 Jul.* (Stollery & Flood) (feeding yg).
[**B**] (3) Chautauqua, *5 Jun.* (Nicole Pietrunti, Chad Cremer) (fldgs).
[**8**] Casey (Coles Co), *12 Jul.* (Ruth Riegel).
[**6**] LowellPk (Lee Co), *16 Jun.* (Tom Doig).
[**5**] DixonWR, *13 Jun.* (Graham Deese).
[**5**] LowdenMiller, *22 Jul.* (Dan Williams).
[**4**] Salt Lick Point LWR (Monroe Co), *28 Jun.* (Paul R).
[**4**] Pomona, *30 Jun.* (Mark Vukovich).

Warbling Vireo
[**16**] Sanganois SWA (Mason Co), *27 Jun.* (Jim Mountjoy).
[**13**] LCalumet, *4 Jun.* (Walter Marcisz).
[**12**] MoraineHills, *1 Jun.* (Jeff Aufmann).
[**12**] Miller Meadows (Cook Co), *12 Jun.* (C Walz).
[**12**] Henderson Crk SFWA (Henderson Co), *13 Jun.* (Keith McMullen).
[**12**] JacksonPk, *19 Jun.* (Randy Shonkwiler).

Red-eyed Vireo
[**15**] Hampshire FP (Kane Co), *1 Jun.* (Brendon Lake).
[**15**] DeerGrove, *5 Jun.* (Chuck Fields).
[**15**] Mackinaw R SFWA (Tazewell Co), *10 Jun.* (Bert Foquet).
[**14**] Little Grand Canyon (Jackson Co), *11 Jul.* (Ari Rice).

Loggerhead Shrike
[**B**] (1) Ayres State Sand Pra NP (Carroll Co), *13 Jun.* (Vicky Sroczynski) (fldgs).
[**5**] Marion (Williamson Co), *14 Jul.* (Tina Pryor).
[**5**] ShawneeNF, *23 Jul.* (Alfred Pryor).
[**3**] Ayres State Sand Pra NP (Carroll Co), *21 Jun.* (Ethan Brown).
[**1**] New Boston (Mercer Co), *19 Jun.* (Robert Perez).
[**1**] Charleston (Coles Co), *16 Jul.* (Vicky & Gordon Tucker).

Blue Jay
[**44**] Alton (Madison Co), *27 Jul.* (Brent Schindewolf).
[**30**] Bemis Wds (Cook Co), *25 Jul.* (Beth Horikoshi).
[**30**] MortonArb, *30 Jul.* (Beth Horikoshi).
[**27**] DeerGrove, *17 Jun.* (David Johnson).

American Crow
[**80**] CarlyleL-C, *11 Jul.* (Dan Kassebaum).
[**76**] Evans-Judge FP (Will Co), *6 Jul.* (Mark Messerle).
[**66**] Rock Twp (Hardin Co), *12 Jul.* (Craig Taylor).

Fish Crow
[**B**] (2) Carbondale, *19 Jul.* (Jacob C. Cooper) (w/ nest mat.).
[**40**] CarlyleL-C, *30 Jul.* (Dan Kassebaum).
[**12**] Mount Vernon (Jefferson Co), *7 Jul.* (Michael Heaney).
[**3**] Henderson Crk SFWA (Henderson Co), *11 Jun.* (Colin Dobson).
[**3**] Knapheid Rd (Adams Co), *23 Jul.* (Phil Reyburn).

Carolina Chickadee
[**20**] MermetL, *20 Jul.* (Katy Banning, Erin Anderson).
[**13**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).
[**10**] Waterloo (Monroe Co), *16 Jul.* (Paul R).
[**9**] Walnut Point SP (Douglas Co), *9 Jul.* (Steven Lima).

Black-capped Chickadee
[**40**] MortonArb, *30 Jul.* (Beth Horikoshi).
[**30**] Fullersburg Wds FP (DuPage Co), *27 Jul.* (Beth Horikoshi).
[**24**] Jon J Duerr FP (Kane Co), *8 Jul.* (Walt Lutz).
[**11**] Kickapoo Crk CP (Logan Co), *22 Jun.* (Christi Wells).

Tufted Titmouse
[**24**] Dudleyville BBS, *4 Jun.* (Dan Kassebaum).
[**20**] Warbler Ridge CA (Coles Co), *5 Jul.* (Mike Avara).
[**19**] Columbia BBS, *5 Jun.* (Keith McMullen).
[**10**] MissPalisades, *27 Jun.* (Daniel Bellich).

Horned Lark
[**70**] York Sl (Clark Co), *22 Jul.* (Steven Lima).
[**60**] CarlyleL-C, *19 Jul.* (Dan Kassebaum).
[**30**] Hutsonville Twp (Crawford Co), *20 Jul.* (Steven Lima).
[**13**] Sciota (McDonough Co), *27 Jul.* (Stollery & Flood).

Northern Rough-winged Swallow
[**350**] TwoRivers, *8 Jul.* (Brent Schindewolf).
[**117**] Fox R (Kendall Co), *27 Jul.* (Scott Johnson) (while canoeing).
[**80**] KaskaskiaI, *22 Jun.* (Christopher Stapleton, Dan Cowell, Varick Cowell).
[**60**] Sciota (McDonough Co), *3 Jul.* (Douglas Stotz).

Purple Martin
[**312**] Jarvis, *6 Jul.* (Karen Gibson).
[**200**] Fayville Rd, *27 Jul.* (Dan Kassebaum).
[**100**] JacksonPk, *20 Jul.* (Randy Shonkwiler).

Tree Swallow
[**750**] Niota (Hancock Co), *23 Jul.* (Colin Dobson).
[**400**] Amboy WTP (Lee Co), *8 Jul.* (jim hampson).
[**400**] Midewin, *17 Jul.* (Jon G., Carolyn G.).
[**400**] ElPasoSP, *27 Jul.* (Pete Fenner, Jennifer Scoby).

Bank Swallow
[**200**] Montrose, *11 Jun.* (Victoria Igleski, Matthew Igleski).
[**200**] TwoRivers, *8 Jul.* (Brent Schindewolf).
[**200**] Emiquon, *17 Jul.* (Steven Freed).
[**130**] Algonquin (McHenry Co), *24 Jun.* (Eric Secker).
[**100**] Mackinaw R SFWA (Tazewell Co), *17 Jul.* (Lou Herrin).
[**100**] GlacialPk, *29 Jul.* (Ari Rice).

Barn Swallow
[**300**] CarlyleL-C, *11 Jul.* (Dan Kassebaum).
[**160**] Montrose, *7 Jul.* (Robert Hughes).
[**100**] UpperMissRNWR, *9 Jul.* (Ted Wolff).
[**100**] Montrose, *10-19 Jul.* (m.ob).
[**100**] MoraineHills, *13 Jul.* (Henk Jan Oosterhuis).

Cliff Swallow
[**420**] CarlyleL-C, *28 Jun.* (Dan Kassebaum).
[**250**] EStLouis, *29 Jun.* (Keith McMullen).
[**201**] JacksonPk, *20 Jul.* (Randy Shonkwiler).
[**160**] Emiquon, *17 Jun.* (Ami Horowitz).

Red-breasted Nuthatch
[**3**] Evanston (Cook Co), *8 Jun.* (Ezra Garfield).
[**3**] Greenwood Cem (Winnebago Co), *18 Jun.* (Joel Neylon).
[**2**] MortonArb, *12 Jun.* (Vicky Sroczynski) & 22 Jul (Haley Gottardo).
[**2**] Greenwood Cem (Winnebago Co), *1 Jul.* (John Longhenry).

White-breasted Nuthatch
[**16**] Nachusa, *2 Jul.* (Tony Del Valle, Alexis Rickert).
[**14**] Forest Glen Pr (Vermilion Co), *22 Jun.* (Bert Frenz).
[**10**] Salt Lick Point LWR (Monroe Co), *19 Jul.* (Paul R).

Brown Creeper
[**2**] Arlington Heights (Cook Co), *21 Jul.* (John Cebula).

Blue-gray Gnatcatcher
[**13**] JacksonPk, *3 Jul.* (Randy Shonkwiler).
[**12**] McKinley Wds FP (Will Co), *14 Jun.* (Joyce Schreiber).
[**12**] Douglass Pk (Cook Co), *17 Jul.* (Eric D Gyllenhaal).
[**12**] ILBeachSP, *18 Jul.* (William McClellan, Annette McClellan).
[**11**] Douglass Pk (Cook Co), *27 Jun.* (Eric D Gyllenhaal).

House Wren
[**25**] SaltCrkWds, *1 Jun.* (Douglas Stotz).
[**23**] MomenceWet, *11 Jun.* (Jed Hertz).
[**21**] CapSauers, *1 Jun.* (Linda Stwora).
[**11**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).

Sedge Wren
[**B**] (1) Searls Pk (Winnebago Co), *3 Jul.* (Dan Williams) (fldgs).
[**B**] (1) Boone Crk CA (McHenry Co), *30 Jun.* (Stephen Mitten) (on nest).
[**B**] (1) GreeneVal, *16 Jun.* (Dori Eldridge) (w/ food).
[**26**] Fermi-D, *8 Jul.* (Dave Spleha).
[**20**] Kankakee Sands Pr (Will Co), *18 Jun.* (Mark Messerle).
[**4**] SpringL, *17 Jul.* (Bert Foquet).
[**4**] Emiquon, *20 Jul.* (Andy Gilbert).
[**4**] KankakeePks, *28 Jul.* (Ted Hartzler).
[**2**] HorseshoeLSP, *19 Jul.* (Frank Holmes).

Marsh Wren
[**23**] Burnham Pra NP (Cook Co), *14 Jun.* (Walter Marcisz).
[**21**] LCalumet, *3 Jun.* (Stephanie Beilke).
[**20**] ChainOLSP, *11 Jul.* (Ben Burrus, Oliver Burrus, Ryan Jones, Jude Vickery).
[**2**] Emiquon, *7 Jun.* (Colin Dobson).
[**1**] Cahokia Mounds SHS (St. Clair Co), *25 Jun.* (Marion & Richard Miller).

Carolina Wren
[**7**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).
[**6**] East Peoria (Woodford Co), *23 Jun.* (Pete Fenner).
[**6**] Salt Lick Point LWR (Monroe Co), *19 Jul.* (Paul R).
[**5**] Fox Ridge SP (Coles Co), *4 Jun.* (Vicky & Gordon Tucker).
[**5**] Murphysboro (Jackson Co), *12 Jul.* (Richard Buchman).

BEWICK'S WREN
[**2**] Rushville (Schuyler Co), *7 Jul.* (Brandon Stehl*, m.ob.*) (photos).

European Starling
[**2,500**] Metropolis (Massac Co), *18 Jun.* (Will Bennett).
[**400**] Bloomington, *25 Jul.* (Wayne Hochstetler).
[**325**] Granite City (Madison Co), *23 Jun.* (Jake Friebohle).

Gray Catbird
[**50**] SpringL, *27 Jun.* (Bert Foquet).
[**41**] John J Duffy P (Cook Co), *20 Jun.* (David Carlson).
[**30**] Meadbrook Pk (Champaign Co), *1 Jun.* (Eric Freyfogle).

Brown Thrasher
[**12**] John J Duffy P (Cook Co), *20 Jun.* (David Carlson).
[**10**] Columbia BBS (Monroe Co), *5 Jun.* (Keith McMullen).
[**9**] Midewin, *19 Jun.* (J.A. Smith).
[**5**] Pembroke, *11 Jun.* (Antonio Flores, Geoffrey A. Williamson).
[**5**] Schroeder NS (McLean Co), *15 Jun.* (Paula Aschim).
[**5**] Springfield, *15 Jul.* (Ryan Douglas).

Northern Mockingbird
[**B**] (1) Pembroke, *7 Jul.* (Michael McNamee) (w/ food).
[**B**] (3) Carbondale, *16 Jun.* (Laurel Toussaint) (feeding yg).
[**B**] (2) EStLouis, *17 Jul.* (Mike Thelen) (fldgs).
[**22**] Columbia BBS (Monroe Co), *5 Jun.* (Keith McMullen).
[**15**] ShawneeNF, *27 Jun.* (Alfred Pryor).
[**10**] Carbondale Res (Jackson Co), *10 Jun.* (Laurel Toussaint).
[**10**] Willow L (Monroe Co), *28 Jun.* (Paul R).
[**4**] Pembroke, *4 Jul.* (Lisa Maier).

Eastern Bluebird
[**18**] Hickory Grove CA (McHenry Co), *8 Jul.* (Jeff Aufmann).
[**18**] Bates Fen Bluebird Tr (McHenry Co), *27 Jul.* (Jeff Aufmann).
[**7**] KennekukCove, *27 Jun.* (Aerin Tedesco).
[**7**] West Lawn Cem (Champaign Co), *11 Jul.* (Mike Bohlmann, Shoshanna Bauer).

Wood Thrush
[**14**] Salt Lick Point LWR (Monroe Co), *19 Jul.* (Paul R).
[**13**] BraidwoodL, *20 Jun.* (Jed Hertz).
[**11**] Columbia BBS (Monroe Co), *5 Jun.* (Keith McMullen).
[**10**] SpringL, *13 Jun.* (Bert Foquet).
[**10**] KankakeeRSP, *31 Jul.* (Bert Foquet).

American Robin
[**200**] Kickapoo Wds (Cook Co), *26 Jun.* (Antonio Flores).
[**102**] Centennial Pk (Cook Co), *24 Jun.* (David Carlson).
[**80**] O'Fallon Sports Pk (St. Clair Co), *1 Jul.* (Lou Herrin).

Cedar Waxwing
[**120**] WaterfallGlen, *16 Jun.* (Unknown).
[**50**] Montrose, *4 Jun.* (Robert Hughes).
[**45**] Jon J Duerr FP (Kane Co), *8 Jul.* (Walt Lutz).
[**40**] Mount Vernon (Jefferson Co), *2 Jun.* (Michael Heaney).
[**40**] Bayles L & Iroquois L (Iroquois Co), *28 Jun.* (Robin Coady).

House Sparrow
[**240**] Jamestown BBS, *20 Jun.* (Dan Kassebaum).
[**201**] S Oak Park (Cook Co), *10 Jul.* (Eric D Gyllenhaal).
[**60**] Streator (Livingston Co), *5 Jun.* (J.A. Smith).

Eurasian Tree Sparrow
[**B**] (4) L&D 13 (Whiteside Co), *5 Jun.* (Adam Sell, m. ob.) (feeding yg).
[**B**] (4) Franklin Grove (Ogle Co), *22 Jun.* (unknown) (feeding yg).
[**B**] (2) Galesburg (Knox Co), *8 Jul.* (Rachel Purdy) (fldgs).
[**B**] (5) HorseshoeLSP, *27 Jul.* (Nicholas Schleissmann) (nest w/ yg).
[**27**] HorseshoeLSP, *19 Jul.* (Frank Holmes).
[**16**] BannerM, *13 Jul.* (Ryan Jones).
[**15**] L&D 16 (Rock Island Co), *8 Jun.* (Steven Freed).
[**5**] Rio (Knox Co), *11 Jul.* (Froggi VanRiper) (w/ food).
[**3**] Edwardsville (Madison Co), *23 Jul.* (Dallas Levey) (w/ food).

American Pipit
[**1**] Montrose, *1 Jun.* (David Assmann).

House Finch
[**50**] Chi, *8 Jun.* (Logan Dimas).
[**40**] GreeneVal, *16 Jul.* (Isaac Grosner, Ari Rice).
[**34**] Champaign, *15 Jul.* (Chip K).

European Goldfinch
[**B**] (4) Waukegan (Lake Co), *4 Jun.* (Lisa Draper) (feeding yg).
[**B**] (4) ILBeachSP, *2 Jun.* (Eric Walters) (fldgs).
[**B**] (2) Raven Glen FP (Lake Co), *8 Jun.* (Maureen Marsh) (fldgs).
[**10**] ILBeachSP, *27 Jun.* (Audrey Carl).
[**9**] Riverwoods (Lake Co), *27 Jun.* (John Cawood).
[**8**] MiddleforkSav, *2 Jul.* (Linda Lutz).

Pine Siskin
[**2**] Chrisman (Edgar Co), *2 Jun.* (Jennifer Lorton).
[**2**] Hawthorn Wds (Lake Co), *7 Jun.* (Stephen Hurst).

American Goldfinch
[**37**] RollinsSav, *2 Jul.* (Laura Simpson, Barbara Laughlin-Karon).
[**35**] Centennial Pk (Sang), *8 Jul.* (Tony Rothering).
[**33**] Midewin, *10 Jul.* (Douglas Stotz).
[**22**] Milles Fleurs NP, *18 Jul.* (Carl & Pen Daubach).

Grasshopper Sparrow
[**B**] (4) Nachusa, *13 Jul.* (Tom Doig) (fldgs).
[**B**] (5) SteelworkersPk, *20 Jun.* (Woody Goss) (nest w/ yg).
[**B**] Midewin, *9 Jun.* (Jim Herkert) (w/ food).
[**B**] (1) Hadley Valley Pr (Will Co), *24 Jun.* (Kathy Stephens) (w/ food).
[**B**] (8) Pk 566 (Cook Co), *9 Jul.* (Jing-Yi Lu) (w/ food).
[**B**] (2) Rollo Pra (Mason Co), *8 Jun.* (Gary Falxa) (w/ food).
[**10**] Pk 566 (Cook Co), *2 Jul.* (Xiaoni Xu, Jing-Yi Lu).
[**8**] PrattsWayneWds, *5 Jun.* (Glenn Perricone).
[**8**] Catalina Grove (Cook Co), *15 Jun.* (Ian Sarmiento).
[**8**] Midewin, *27 Jun.* (Joe F).
[**7**] Rantoul (Champaign Co), *10 Jun.* (Aerin Tedesco).
[**6**] Darwin (Clark Co), *22 Jun.* (Steven Lima).

Chipping Sparrow
[**23**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).
[**19**] Columbia BBS (Monroe Co), *5 Jun.* (Keith McMullen).
[**15**] Hanna City (Peoria Co), *23 Jun.* (Dennis Endicott).
[**15**] Wayne Fitzgerrell SP (Franklin Co), *27 Jul.* (Nicholas Schleissmann).
[**13**] Riis Pk, Chi, *9 Jun.* (Bryan Gauto).

Clay-colored Sparrow
[**9**] Johnsburg (McHenry Co), *24 Jun.* (Lisa Maier, Randy Schietzelt).
[**4**] SpringbrookPra, *17 Jun.* (Joe Suchecki).
[**3**] Lakewood FP (Lake Co), *13 Jun.* (Donnie R. Dann, Donna Kenski).

Field Sparrow
[**49**] Midewin, *10 Jul.* (Douglas Stotz).
[**17**] Warbler Ridge CA (Coles Co), *5 Jul.* (Mike Avara).
[**15**] Burning Star Mine (Jackson Co), *7 Jul.* (Eugene Huryn).

Lark Sparrow
[**B**] (3) ILBeachSP, *14 Jul.* (Andrew Stewart) (feeding yg).
[**B**] (1) Nachusa, *13 Jun.* (Stephanie Beilke) (w/ food).
[**14**] Hollows CA (McHenry Co), *22 Jun.* (Jeff Aufmann) (w/ food).
[**8**] ILBeachSP, *4 Jul.* (Dan Hayes).
[**6**] McCunePra, *28 Jun.* (Amy Brewer, D Brewer).
[**2**] Edwardsville (Madison Co), *2 Jun.* (Greg Coffey).
[**2**] Petersburg (Menard Co), *27 Jun.* (Jim Herkert).
[**2**] Beardstown (Cass Co), *8 Jul.* (Ted Hartzler).
[**2**] Blandinsville (Henderson Co), *8 Jul.* (Ryan Jones).
[**2**] Port Louisa NWR (Mercer Co), *23 Jul.* (Colin Dobson).

Fox Sparrow
[**1**] Mem Pk Cem (Cook Co), *11 Jul.* (John Bates).

White-crowned Sparrow
[**2**] Chi, *2 Jun.* (Wesley Nunez).
[**2**] Welles Pk (Cook Co), *3 Jun.* (Alice Vannucci).

White-throated Sparrow
[**2**] Marion (Williamson Co), *7 Jul.* (alfred pryor).

Vesper Sparrow
[**B**] (1) SauerPraKame, *25 Jul.* (Andrew S. Aldrich) (w/ food).
[**10**] Seneca (Grundy Co), *13 Jun.* (Jeff Chapman).
[**6**] Milford (Iroquois Co), *4 Jul.* (Vera Miller).
[**5**] Mendota (LaSalle Co), *12 Jun.* (J.A. Smith).
[**4**] IL Caverns SNA (Monroe Co), *23 Jul.* (Paul R).

Savannah Sparrow
[**35**] SpringbrookPra, *11 Jun.* (Joe Suchecki).
[**20**] Chi, *25 Jun.* (Pauline Carter).
[**6**] MomenceSod, *11 Jun.* (Antonio Flores, Geoffrey A. Williamson).

Henslow's Sparrow
[**B**] (8) PrattsWayneWds, *27 Jun.* (Glenn Perricone) (on nest).
[**B**] Midewin, *9 Jun.* (Jim Herkert) (w/ fecal sac).
[**13**] FermiLab-D, *8 Jul.* (Dave Spleha).
[**12**] DickYoungNL, *12 Jun.* (Jon J Duerr, Tim Klimowski).
[**12**] Orland Grassland (Cook Co), *6 Jul.* (Woody Goss).
[**4**] Spring Creek Twp (Pike Co), *9 Jul.* (Bill Atwood).
[**4**] Smoot St Grasslands (Menard Co), *13 Jul.* (Jim Herkert).
[**3**] Robert Ridgeway Grasslands (Jasper Co), *27 Jul.* (Adair Bock).

Song Sparrow
[**42**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).
[**41**] Hebron (McHenry Co), *5 Jun.* (Linda Lutz).
[**36**] Jamestown BBS, *20 Jun.* (Dan Kassebaum).

Lincoln's Sparrow
[**1**] Montrose, *1 Jun.* (David Taliaferro, m.ob.).

Swamp Sparrow
[**20**] Burnham Pra NP (Cook Co), *3 Jun.* (Carl Giometti, Steve Huggins).
[**15**] ChainOLSP, *11 Jul.* (Ryan Jones, Jude Vickery).
[**15**] MoraineHills, *13 Jul.* (Henk Jan Oosterhuis).
[**15**] SpringbrookPra, *31 Jul.* (Joe Suchecki).

Eastern Towhee
[**19**] BraidwoodL, *20 Jun.* (Jed Hertz).
[**15**] Lyons Wds (Lake Co), *10 Jun.* (Nancy Tikalsky).
[**14**] LowdenMiller, *22 Jul.* (Dan Williams) (incl 3 pr w/ yg)
[**12**] Burning Star Mine (Jackson Co), *7 Jul.* (Jacob C. Cooper).
[**11**] KennekukCove, *3 Jun.* (Aerin Tedesco).
[**11**] BannerM, *16 Jul.* (Pete Fenner).

Yellow-breasted Chat
[**B**] (4) Walnut Point SP (Douglas Co), *17 Jun.* (Vern Wilkins) (w/ food).
[**8**] Burning Star Mine (Jackson Co), *7 Jul.* (Jacob C. Cooper).
[**7**] Belleview (Calhoun Co), *28 Jun.* (Colin Dobson).
[**7**] Del Air (Pike Co), *13 Jul.* (Steve Zehner, Jim Funk).
[**7**] IL Caverns SNA (Monroe Co), *23 Jul.* (Paul R).
[**6**] GooseLPra, *2 Jul.* (Wesley Sadler).

Yellow-headed Blackbird
[**11**] Goose L NA (McHenry Co), *3 Jun.* (Randy Schietzelt).
[**1**] Emiquon, *7 Jun.* (Colin Dobson).
[**1**] Liberty (Adams Co), *9 Jul.* (Jim Funk).

Bobolink
[**42**] SpringbrookPra, *11 Jun.* (Joe Suchecki).
[**35**] SpringCreek, *13 Jul.* (Mary Lou Mellon, Randy Schietzelt, Jenny Vogt).
[**6**] DoubleT, *10 Jun.* (Andy Gilbert).
[**1**] Peabody R King SFWA (St. Clair Co), *15 Jun.* (John and Katie Huffman).
[**1**] Edwardsville, *3 Jul.* (Garrett Shaffer).

Western Meadowlark
[**3**] LostMound, *3 Jun.* (CA Straight).
[**3**] Milford (Iroquois Co), *4 Jul.* (Vera Miller).
[**3**] Raritan (Henderson Co), *17 Jul.* (Stollery & Flood).

Eastern Meadowlark
[**27**] Midewin, *19 Jun.* (J.A. Smith).
[**24**] Double T, *10 Jun.* (Andy Gilbert).
[**13**] Columbia BBS (Monroe Co), *5 Jun.* (Keith McMullen).

Orchard Oriole
[**10**] Midewin, *19 Jun.* (J.A. Smith).
[**10**] Orland Grassland (Cook Co), *20 Jun.* (Albert Legzdins).
[**10**] Fort Sheridan FP (Lake Co), *24 Jun.* (Matt Tobin).
[**6**] LCharleston, *12 Jun.* (Amy Lynch).
[**6**] Schroeder NS (McLean Co), *15 Jun.* (Paula Aschim).
[**6**] Burning Star Mine (Jackson Co), *7 Jul.* (Jacob C. Cooper).

Baltimore Oriole
[**18**] JacksonPk, *13 Jun.* (Unknown).
[**18**] Erie (Whiteside Co), *8 Jul.* (Anne Hughes).
[**17**] Hastings L FP (Lake Co), *19 Jun.* (Richard Biss).
[**16**] Espenscheid Mem. FP (Winnebago Co), *19 Jun.* (Stephanie Beilke).
[**9**] Hoopeston (Vermilion Co), *4 Jun.* (Katy Banning).

Red-winged Blackbird
[**400**] White Oak Pk (McLean Co), *12 Jul.* (Wayne Hochstetler).
[**210**] HorseshoeLSP, *1 Jun.* (Levi Mattingly).
[**186**] PrattsWayneWds, *27 Jun.* (Glenn Perricone).

Brown-headed Cowbird
[**225**] Wheeler Rd Sod Farms (Kendall Co), *2 Jul.* (Charles Shields).
[**150**] Annawan (Henry Co), *17 Jul.* (Jim Mountjoy).
[**126**] Johnson Rd (Kendall Co), *2 Jul.* (Charles Shields).

Brewer's Blackbird
[**B**] (4) ILBeachSP, *2 Jul.* (William McClellan, Annette McClellan) (w/ nest mat.).
[**22**] Newark (Kendall Co), *19 Jul.* (Andrew S. Aldrich).
[**15**] Johns Manville Ponds (Lake Co), *18 Jun.* (Unknown).
[**15**] Newark (Kendall Co), *20 Jul.* (Leo Miller).
[**14**] ILBeachSP, *4 Jul.* (Dan Hayes).

Common Grackle
[**140**] Levee Rd (Monroe Co) *18 Jul.* (Dan Kassebaum).
[**137**] Beaucoup BBS, *3 Jun.* (Dan Kassebaum).
[**120**] CarlyleL-C, *19 Jul.* (Dan Kassebaum).
[**115**] Wheeler Rd Sod Farms (Kendall Co), *24 Jul.* (Scott Johnson).

Ovenbird
[**11**] Mackinaw R SFWA (Tazewell Co), *10 Jun.* (Bert Foquet).
[**10**] LowdenMiller, *16 Jun.* (Wesley Sadler) (w/ food).
[**4**] Salt Lick Point LWR (Monroe Co), *25 Jul.* (Paul R).

Worm-eating Warbler
[**4**] ShawneeNF, *6 Jun.* (Mélusine Velde, Jacob C. Cooper).
[**4**] Little Grand Canyon (Jackson Co), *11 Jul.* (Ari Rice).
[**4**] Pomona, *8 Jul.* (Dan Kassebaum).
[**2**] Virginia (Cass Co), *11 Jul.* (Gene Rod, Diana Rod, Alyssa Rod).
[**1**] LowdenMiller, *14 Jun.* (Vicky Sroczynski).

Louisiana Waterthrush
[**6**] ShawneeNF, *6 Jun.* (Jacob C. Cooper, Mélusine Velde).
[**4**] Mackinaw R SFWA (Tazewell Co), *5 Jun.* (Bill Davison).
[**4**] Pomona, *9 Jun.* (Xiaoni Xu, Jacob Cooper).
[**4**] MermetL, *14 Jun.* (Deb Geolat).
[**2**] Palos Pk (Cook Co), *22 Jun.* (Woody Goss).

Northern Waterthrush
[**1**] NorthPond, *29 Jul.* (Steve Huggins).

Blue-winged Warbler
[**B**] (3) Palos Sag-Valley FP (Cook Co), *22 Jun.* (Woody Goss) (fldgs).
[**B**] (1) SpringCreek, *21 Jun.* (wendy paulson) (w/ food).
[**B**] (3) Midewin, *2 Jul.* (Wesley Sadler) (w/ food).
[**3**] SpringCreek, *15 Jun.* (wendy paulson).
[**3**] Palos Sag-Valley FP (Cook Co), *22 Jun.* (Woody Goss).

Black-and-white Warbler
[**2**] ShawneeNF, *28 Jul.* (Colin Dobson).

Prothonotary Warbler
[**B**] (3) UpperMissRNWR, *23 Jun.* (David Shealer) (fldgs).
[**B**] (4) Centennial Tr (Will Co), *29 Jun.* (Jon G., Carolyn G.) (fldgs).
[**B**] (5) MacArthur Wds NP (Lake Co), *10 Jul.* (Ethan Ellis) (fldgs).
[**B**] (3) Skokie Lagoons (Cook Co), *3 Jun.* (Jeff Bilsky) (on nest).
[**B**] (3) Les Arends FP (Kane Co), *11 Jun.* (Marion Miller) (w/ nest mat.).
[**B**] (2) Big River SF (Henderson Co), *19 Jul.* (Stollery & Flood) (feeding yg).
[**16**] MermetL, *10 Jun.* (Steve and Cyndi Routledge).
[**16**] HeronPond, *2 Jul.* (Jacob C. Cooper, Laurel Toussaint, Brendan Fogarty).
[**11**] Sanganois SWA (Mason Co), *27 Jun.* (Jim Mountjoy).
[**8**] Skokie Lagoons (Cook Co), *16 Jun.* (Jeff Bilsky).

Tennessee Warbler
[**3**] Possum Hollow Wds FP (Cook Co), *25 Jul.* (Douglas Stotz).
[**2**] SongbirdSl, *26 Jul.* (Luis Munoz).

Kentucky Warbler
[**B**] (2) LowdenMiller, *22 Jul.* (Dan Williams) (feeding yg).
[**B**] (3) Mackinaw R SFWA (Tazewell Co), *5 Jun.* (Mercy Davison, Bill Davison) (w/ food).
[**B**] (6) Millstadt (St. Clair Co), *3 Jun.* (Mike Jacob) (nest w/ yg).
[**B**] (4) L Glendale RA (Pope Co), *17 Jul.* (Laura Coglan) (w/ food).
[**8**] LaRue-PineHills EA (Union Co), *3 Jun.* (Joe Lill).
[**6**] MissPalisades, *5 Jun.* (Adam Sell, et al.).
[**6**] Mackinaw R SFWA (Tazewell Co), *5 Jun.* (Bill Davison).
[**6**] ShawneeNF, *6 Jun.* (Jacob C. Cooper, Mélusine Velde).
[**6**] Pine Hills (Jackson Co), *11 Jun.* (Keith McMullen).
[**6**] MissPalisades, *19 Jun.* (Daniel Bellich).
[**6**] ShawneeNF, *28 Jul.* (Colin Dobson).

Common Yellowthroat
[**45**] FermiLab-D, *8 Jul.* (Dave Spleha).
[**41**] Midewin, *10 Jul.* (Douglas Stotz).
[**39**] Boone Crk CA (McHenry Co), *30 Jun.* (Stephen Mitten).
[**27**] Warbler Ridge CA (Coles Co), *5 Jul.* (Mike Avara).
[**22**] CarlyleL-F, *24 Jul.* (Mark Seiffert).

Hooded Warbler
[**5**] ShawneeNF, *6 Jun.* (Jacob C. Cooper, Mélusine Velde).
[**3**] MacArthur Wds NP (Lake Co), *9 Jun.* (Ethan Ellis).
[**3**] Red Gate Wds (Cook Co), *19 Jun.* (Cary Hillegonds).
[**3**] Pomona, *30 Jun.* (Mark Vukovich).
[**3**] Trail of Tears SF (Union Co), *8 Jul.* (Dan Kassebaum).

American Redstart
[**14**] Apple R Canyon SP (Jo Daviess Co), *18 Jun.* (Eric Secker) (fldgs).
[**13**] Thomson-Fulton Sand Pra NP (Whiteside Co), *13 Jun.* (Alyssa, Diana, & Gene Rod).
[**12**] Hennepin Tr (Rock Island Co), *15 Jun.* (Steven Freed).
[**12**] RockCutSP, *24 Jun.* (Caleb Frome).
[**12**] Wilmington (Will Co), *3 Jul.* (Richard Hickson).
[**11**] Sanganois SWA (Mason Co), *27 Jun.* (Jim Mountjoy).
[**9**] Pomona, *30 Jun.* (Mark Vukovich).

Cerulean Warbler
[**7**] Pomona, *30 Jun.* (Mark Vukovich).
[**6**] MissPalisades, *19 Jun.* (Daniel Bellich).
[**5**] Pomona, *30 Jun.* (Mark Vukovich).
[**3**] Green Oaks Biological FS (Knox Co), *22 Jun.* (Jim Mountjoy).

Northern Parula
[**B**] (3) Pomona, *11 Jul.* (Ari Rice) (feeding yg).
[**10**] Pomona, *30 Jun.* (Mark Vukovich).
[**9**] L Glendale RA (Pope Co), *17 Jul.* (Laura Coglan).
[**8**] Kennedy (Jackson Co), *1 Jun.* (Unknown).
[**8**] LaRue-PineHills EA (Union Co), *15 Jul.* (Mike Hearell).
[**6**] Everett Dirksen Pk (Tazewell Co), *24 Jun.* (Bert Foquet).
[**6**] Warbler Ridge CA (Coles Co), *5 Jul.* (Mike Avara).
[**5**] MissPalisades, *19 Jun.* (Daniel Bellich).

Blackburnian Warbler
[**1**] MissPalisades, *15 Jun.* (Jim James).
[**1**] Bemis Wds (Cook Co), *22 Jun.* (Eric Stenstrom).

Yellow Warbler
[**30**] LincolnPk, *8 Jun.* (Max Benningfield).
[**29**] Mallard L FP (DuPage Co), *2 Jun.* (Luis Munoz).
[**25**] LCalumet, *2 Jul.* (Walter Marcisz).
[**22**] Meadbrook Pk (Champaign Co), *2 Jun.* (Vicky & Gordon Tucker).

Chestnut-sided Warbler
[**5**] Lyons Wds (Lake Co), *1 Jun.* (Annette McClellan, William McClellan).
[**4**] Ryerson, *3 Jun.* (Jennifer Hovey).

Pine Warbler
[**B**] (1) COLSP, *20 Jun.* (Lisa Maier) (w/ food).
[**5**] LowdenMiller, *16 Jun.* (Wesley Sadler).
[**4**] Lincoln Trail SP (Clark Co), *1 Jun.* (Steven Lima).
[**4**] WaterfallGlen, *28 Jun.* (Vicky Sroczynski).

Yellow-throated Warbler
[**B**] (2) Greenwood Cem (Winnebago Co), *18 Jun.* (Joel Neylon) (feeding cowbird).
[**4**] Pomona, *26 Jun.* (Eugene Huryn).
[**4**] Salt Lick Point LWR (Monroe Co), *19 Jul.* (Paul R).

Prairie Warbler
[**4**] Sahara Wds SFWA (Saline Co), *11 Jun.* (Steve and Cyndi Routledge).
[**4**] Quality Lime Quarry (Clark Co), *27 Jun.* (Steven Lima).
[**3**] Cache (Pulaski Co), *3 Jun.* (Joe Lill).
[**3**] CrabOrchard, *6 Jun.* (Judy Groskind).
[**2**] KennekukCove, *3 Jun.* (Aerin Tedesco).
[**2**] Spring Crk Pr (Tazewell Co), *13 Jun.* (Bert Foquet, Chad Cremer).
[**2**] Rival's Lookout Pk (Will Co), *16 Jun.* (Robin Baranowski).
[**1**] Wedron (LaSalle Co), *20 Jun.* (Joseph Young).

Summer Tanager
[**B**] (3) McKinley Wds FP (Will Co), *4 Jul.* (Joyce Schreiber) (fldgs).
[**B**] (3) Nachusa, *2 Jul.* (Tony Del Valle) (w/ food).
[**B**] (2) Hanna City (Peoria Co), *16 Jun.* (Dennis Endicott) (w/ nest mat.).
[**B**] (2) FtMassac, *4 Jun.* (Bill Lotz) (feeding yg).
[**B**] (2) Norris City (White Co), *5 Jul.* (Sandra Spence) (w/ food).
[**8**] Salt Lick Point LWR (Monroe Co), *25 Jul.* (Paul R).
[**6**] IL Caverns SNA (Monroe Co), *23 Jul.* (Paul R).
[**5**] Warbler Ridge CA (Coles Co), *5 Jul.* (Mike Avara).

Scarlet Tanager
[**10**] LowdenMiller, *22 Jul.* (Dan Williams).
[**6**] DeerGrove, *6 Jun.* (Carolyn Fields).
[**6**] Everett Dirksen Pk (Tazewell Co), *24 Jun.* (Bert Foquet).
[**6**] CapSauers, *4 Jul.* (Tyler Grudowski).
[**6**] MissPalisades, *20 Jul.* (Steve Zehner, Mary Zehner).

Northern Cardinal
[**50**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).
[**41**] Columbia BBS (Monroe Co), *5 Jun.* (Keith McMullen).
[**41**] Milles Fleurs NP (Monroe Co), *26 Jun.* (Carl & Pen Daubach).

Rose-breasted Grosbeak
[**9**] Henderson Crk SFWA (Henderson Co), *13 Jun.* (Keith McMullen).
[**8**] Fox R Shores FP (Kane Co), *6 Jun.* (Walt Lutz).
[**8**] MomenceWet, *11 Jun.* (Jed Hertz).
[**8**] Stickney Run CA (McHenry Co), *19 Jun.* (Lisa Maier, Jeff Aufmann, Amanda Parrish).
[**8**] CapSauers, *20 Jun.* (Audrey Carl).

Blue Grosbeak
[**B**] (1) WaterfallGlen, *6 Jul.* (B. Fisher) (w/ food).
[**B**] (2) Midewin, *20 Jul.* (Bob Andrini) (w/ food).
[**17**] Columbia BBS (Monroe Co), *5 Jun.* (Keith McMullen).
[**12**] Levee Rd (Monroe Co) *21 Jul.* (Dan Kassebaum).
[**6**] St. Morgan BBS (Madison Co), *6 Jun.* (Keith McMullen).
[**6**] Burning Star Mine (Jackson Co), *7 Jul.* (Jacob C. Cooper).
[**6**] Hoover FP (Kendall Co), *8 Jul.* (Thomas Schrader).

Indigo Bunting
[**61**] Columbia BBS (Monroe Co), *5 Jun.* (Keith McMullen).
[**60**] CarlyleL-C, *21 Jul.* (Dan Kassebaum).
[**45**] CarlyleL-F, *24 Jul.* (Mark Seiffert).
[**36**] SaltCrkWds, *12 Jun.* (Douglas Stotz).
[**31**] Del Air (Pike Co), *13 Jul.* (Jim Funk, Steve Zehner).

Painted Bunting
[**2**] EStLouis, *10 Jun. – 18 Jul.* (Jan Hansen, m.ob.).

Dickcissel
[**101**] Beaucoup BBS, *3 Jun.* (Dan Kassebaum).
[**80**] Levee Rd (Monroe Co) *4 Jun.* (Dan Kassebaum).
[**74**] Raritan Fields (Henderson Co), *20 Jul.* (Stollery & Flood).
[**62**] Midewin, *6 Jun.* (Douglas Stotz).

EXOTICS

European Goldfinch
[**95**] Market St. (Lake Co), *1 Jan.* (Amanda Tichacek, Jeff Bilsky).
[**60**] Rt 83, Grayslake (Lake Co), *18 Jan.* (Jim Solum).
[**20**] Zion (Lake Co), *12 Jan.* (William McClellan).
[**1**] Armstrong Pk (DuPage Co), *3 Dec.* (Carol Minix).

SUMMER 2021
FIELD NOTES

LIMPKIN. Chain-o-Lakes S.P., Lake Co. 11 Jul. 2021. Photo by Ryan Jones.

ROYAL TERN. Waukegan Beach, Lake Co. 18 Jul. 2021. Photo by Annette McClellan.

Meadowlark

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